

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

6

CALTRANS DISTRICTS

2 AND 3

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

**STORM WATER
MANAGEMENT PROGRAM
REGIONAL WORK PLAN
FOR FISCAL YEAR
2002/2003
Region 6**

**Lahontan Regional
Water Quality Control Board
CTSW-RT-01-075**

April 1, 2002



**California Department of
Transportation**

Districts 2 and 3

**CERTIFICATION
REGIONAL WORK PLAN
California Regional Water Quality Control Board
Lahontan Region 6
Fiscal Year 2002/2003
April 1, 2002**

California Department of Transportation District 2

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

Brian Crane
Acting District Director

APPROVAL
REGIONAL WORK PLAN
California Regional Water Quality Control Board
Lahontan Region 6
Fiscal Year 2002/2003
April 1, 2002

California Department of Transportation District 2

Shirley Choate	Deputy District Director Program/Project Management
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Russell Wenham	Deputy District Director Maintenance & Operations
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Gary Pursell	Acting Deputy District Director Planning
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John Rodrigues	Chief, North Region Construction
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Kome Ajise, AICP	Chief, North Region Environmental
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**CERTIFICATION
REGIONAL WORK PLAN
California Regional Water Quality Control Board
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California Department of Transportation District 3

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Jody E. Lonergan
District Director

APPROVAL
REGIONAL WORK PLAN
California Regional Water Quality Control Board
Lahontan Region 6
Fiscal Year 2002/2003
April 1, 2002

California Department of Transportation District 3

Daniel J. McElhinney	Chief, North Region Design & Engineering Services
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John Rodrigues	Chief, North Region Construction
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Steve Takigawa	Deputy District Director Maintenance
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Kome Ajise, AICP	Chief, North Region Environmental & District 3 Planning
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Steve Kirkpatrick	Deputy District Director Program/Project Management
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Gary Horn	Chief, North Region Right Of Way
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Tom Wood	Deputy District Director Operations
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1.0 Introduction

The purpose of the Regional Work Plans (RWPs) is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2002/2003 as required by the Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

The RWP provides region-specific information on Department facilities, water bodies, and Best Management Practices (BMPs), and monitoring programs according to the following sections:

- Section 1 – Introduction;
- Section 2 – Personnel and Responsibilities;
- Section 3 – District Facilities and Water Bodies;
- Section 4 – High Risk Areas; and
- Section 5 – Implementation Activities.

2.0 Department Personnel and Responsibilities

Portions of Caltrans Districts 1 and 2 fall within the jurisdiction of the North Coast Regional Water Quality Control Board (NC-RWQCB). Organization charts for Districts 1 and 2 are included in Figures 2-1. Staff responsible for implementing the SWMP within the NC-RWQCB jurisdiction are listed in Table 2-1.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Kome Ajise	Chief, North Region Environmental	(530) 741-4277	kome_ajise@dot.ca.gov	Oversees all Environmental employees within Districts 1, 2 and 3.
Jeff Pizzi	Chief, North Region Office of Storm Water Management & District 2 NPDES Coordinator	(530) 229-0524	jeff_pizzi@dot.ca.gov	Oversees all NPDES Office employees within Districts 1, 2, & 3.
Sean Penders	Lahontan / Lake Tahoe Coordinator	(530) 741-4494	sean_penders@dot.ca.gov	Primary contact for all Lahontan/Lake Tahoe storm water issues.
Chris Holm	North Region - District 1 NPDES Coordinator	(707) 445-5310	chris_holm@dot.ca.gov	Primary contact for all District 1 storm water issues.
David Melendrez	North Region - District 1 NPDES Coordinator	(707) 445-5201	david_melendrez@dot.ca.gov	Primary contact for all District 1 storm water issues.
John Holder	North Region - District 3 NPDES Coordinator	(916) 274-5819	john_holder@dot.ca.gov	Primary contact for all District 3 storm water issues.
Wesley Faubel	North Region Project Development Storm Water Coordinator	(530) 741-4270	wesley_faubel@dot.ca.gov	Assists PE, provides guidance on BMP selection and implementation during design, monitors for compliance w/ SWMP.
Dale Sedler	North Region Construction Storm Water Coordinator	(530) 822-4424	dale_sedler@dot.ca.gov	Assists RE, inspects storm water controls on construction sites, reviews SWPPPs/WPCPs.
Mark Harvey	District 2 Maintenance Storm Water Coordinator	(530) 225-2099	mark_harvey@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP.
Dick Dier	District 3 Maintenance Storm Water Coordinator	(530) 741-5364	dick_dier@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP.

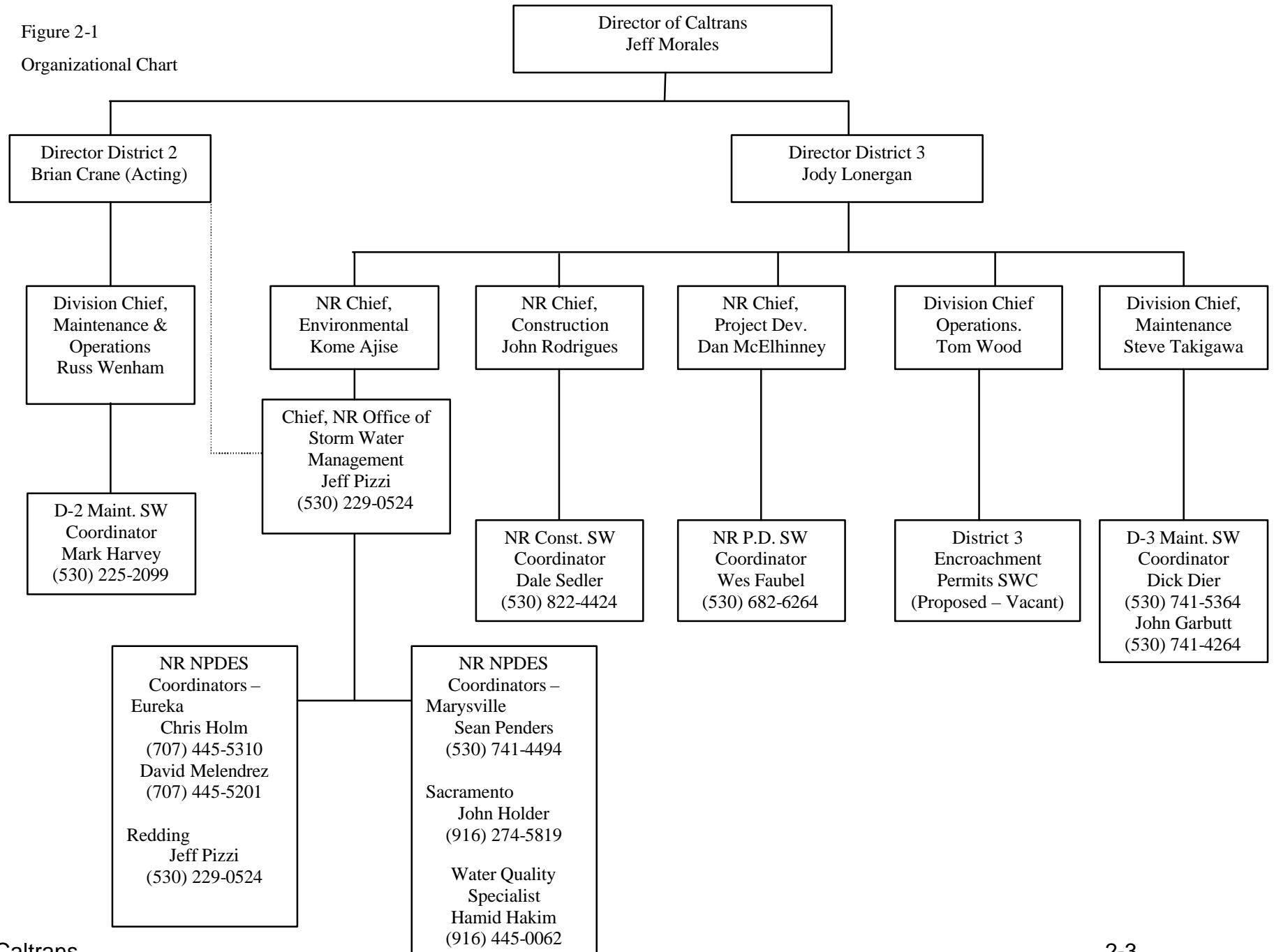
In compliance with Permit Section M. 10. b, the following individuals/positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District

to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

POSITIONS OR INDIVIDUALS	DOCUMENTS AUTHORIZED FOR SIGNATURE
District Director	All District documents.
Deputy District Director, Planning	All Planning related storm water documents or as delegated by the District Director.
Deputy District Director, Program/Project Management	All Program/Project Management related storm water documents or as delegated by the District Director.
Deputy District Director, Maintenance and/or Operations	All Maintenance and/or Operations related storm water documents or as delegated by the District Director.
Chief, NR Environmental	All North Region storm water related documents or as delegated by the District Director.
Chief, NR Construction	All North Region construction related storm water documents or as delegated by the District Director.
Chief, NR Design & Engineering Services	All North Region Design & Engineering Services related storm water documents or as delegated by the District Director.

Figure 2-1
Organizational Chart



3.0 District Facilities and Water Bodies

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. Maps showing the District boundaries, major roads and highways within the Central Valley Regional Water Quality Control Board jurisdiction are presented in the accompanying figures.

TABLE 3-1: DISTRICT 2 FACILITIES

CO	ROUTE	PM	NAME	DESCRIPTION
DISTRICT 2 - MAINTENANCE STATIONS				
Las	36	026.0	Susanville	Highway Maintenance
Las	44	14.50	Bogard	Sand & Salt Storage
Las	44	36.90	Junction 36/44	Sand & Salt Storage
Las	70	3.60	Hallelujah Jct.	Sand & Salt Storage
DISTRICT 2 - VISTA POINTS				
Las	139	23.0	Eagle Lake	Vista Point
Mod	299	50.3	Cedar Pass	Vista Point
Mod	299	52.0	Cedar Canyon	Vista Point
Mod	299	54.9	Cedarville	Vista Point
DISTRICT 2 - COMMERCIAL VEHICLE ENFORCEMENT FACILITIES				
None				
DISTRICT 2 - SAFETY ROADSIDE REST AREAS				
Las	44	14.5	Bogard	28 mi. NW of Susanville
Las	395	96.5	Secret Valley	12 mi. S of Ravendale
Mod	395	82.5	Honey Lake	7.7 mi. N of Milford
DISTRICT 2 - PARK AND RIDE FACILITIES				
Las	395	52.6	Janesville	0.3 m N County Road A3
DISTRICT 2 - TOLL ROAD AND TOLL BRIDGE PLAZAS				
None.				

FIGURE 3-1: DISTRICT 2, RWQCB and H.U. BOUNDARIES

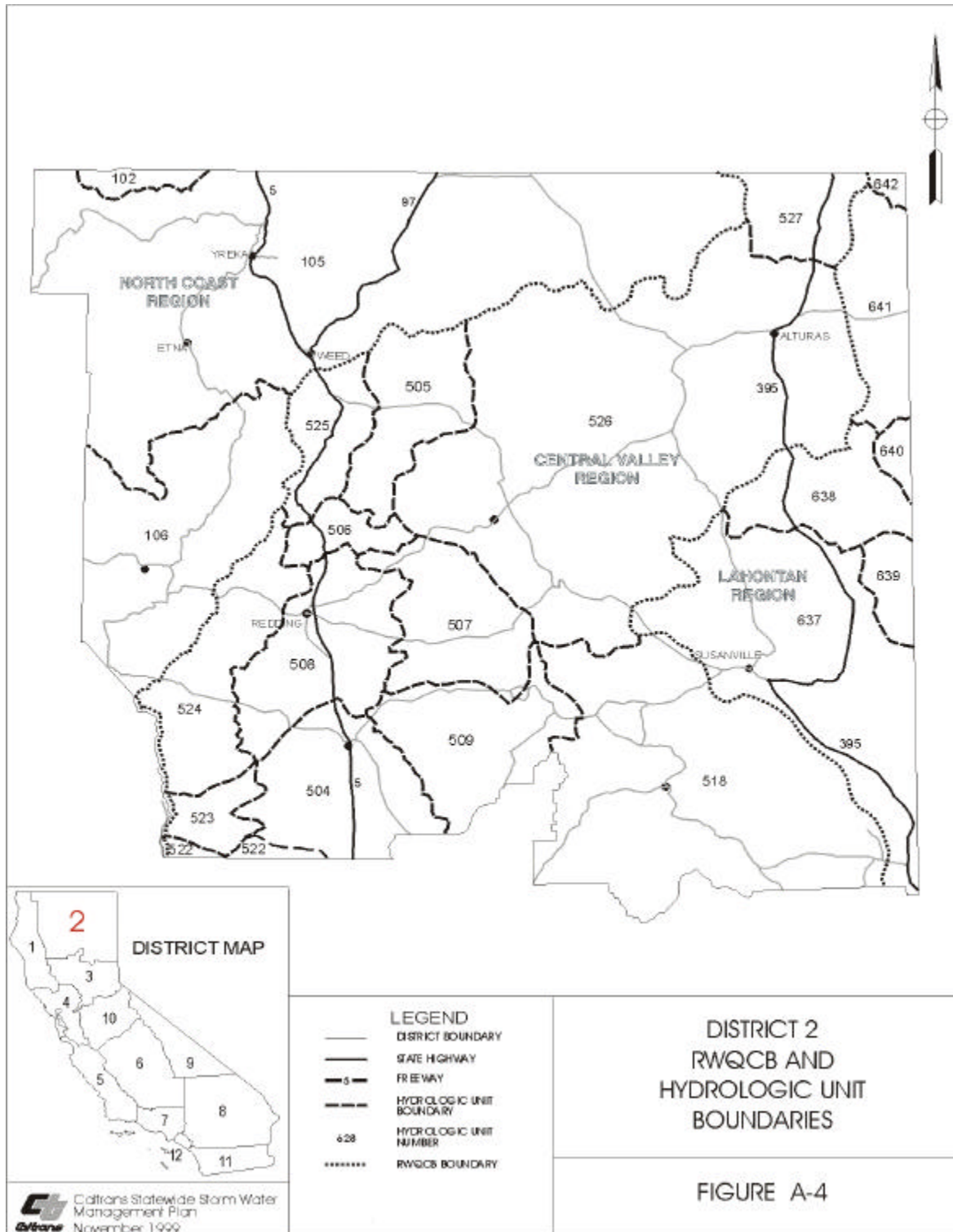
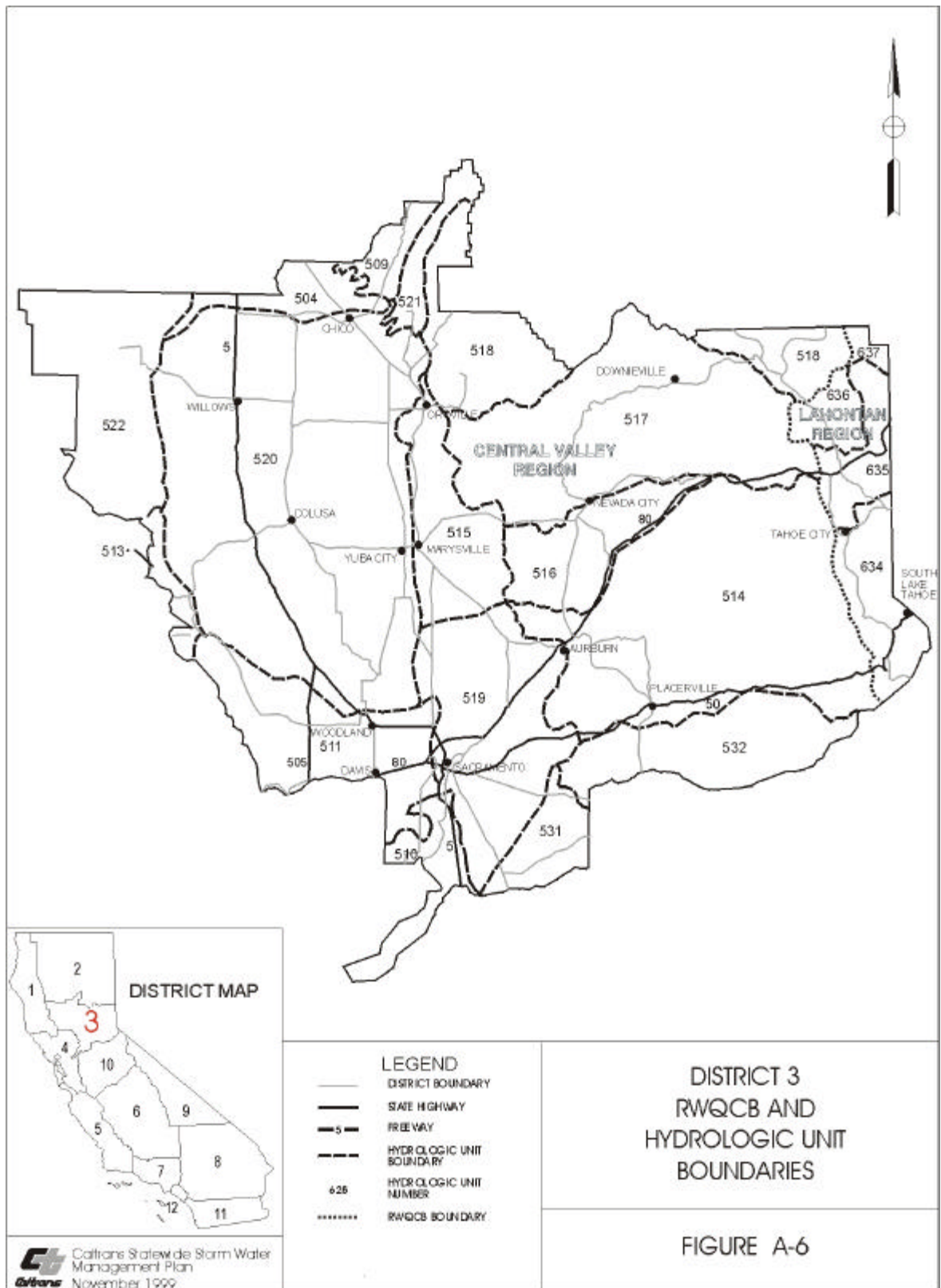


TABLE 3-2: DISTRICT 3 FACILITIES

CO	RTE	PM	NAME	DESCRIPTION
DISTRICT 3 - MAINTENANCE STATIONS				
ED	50	48.7	Kyburz	Highway Maintenance
ED	50	66.70	Echo Summit	Satellite
ED	89	8.2	So Lake Tahoe	Highway Maintenance
NEV	80	27.40	Floriston	Sand and Salt Storage
NEV	267	0.6	Truckee	Highway Maintenance
PLA	89	8.9	Tahoe City	Highway Maintenance
ED	Sierra Blvd, SLT		Snow Storage Site	Snow Storage
DISTRICT 3 - VISTA POINTS				
Nev	80	8.3	Donner Summit	Vista Point
Nev	80	9.7	Donner Summit	Vista Point
DISTRICT 3 - COMMERCIAL VEHICLE ENFORCEMENT FACILITIES				
Nev	80	18.8	Donner Pass	WB
DISTRICT 3 - SAFETY ROADSIDE REST AREAS				
None.				
DISTRICT 3 - PARK AND RIDE FACILITIES				
None.				
DISTRICT 3 - TOLL ROAD AND TOLL BRIDGE PLAZAS				
None.				

FIGURE 3-2: DISTRICT 3, RWQCB and H.U. BOUNDARIES



Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

4.0 High Risk Areas

A list of High-Risk areas within Districts 2 and 3 is presented in Table 4-1. High-Risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the High-Risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and The Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of High-Risk municipal and domestic water supply reservoirs and ground water percolation facilities The Department first contacted known public and private water supply providers. From the information received, the Department determined which facilities were susceptible to a direct spill from a Department activity or facility. This determination was based on proximity between the water body and Department facility, use characteristics of the facilities, and the probable spill response time.

The Department shall consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

ROAD SEGMENT	COUNTY	HIGH RISK AREA	DESCRIPTION	COMMENTS
DISTRICT 2				
None				
DISTRICT 3				
NEV/80/12.4	NEV	DONNER LAKE WTP	Water for Donner Lake Water Company	0.2 miles to facility. No project planned in area.
NEV/80/6.77	NEV	LAKE ANGELA	Water for Donner Summit Public Utility Dist.	1.3 miles to facility. No project planned in area.
NEV/80/2.37	NEV	LAKE SERENA TREATMENT PLANT	Water for Sierra Lakes County Water Dist.	2.1 miles to facility. No project planned in area.
PLA/28/7.24	PLA	LAKE TAHOE INTAKE	Water for Agate Bay Water Co.	0.0 miles to facility. Appropriate BMPs will be considered for project 03-2A940

5.0 Implementation Activities

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided in April.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and The Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are with a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

SECTION FIVE

Regional Work Plans

TABLE 5-1: DISTRICT 2 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Prog 1	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
											Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	C	36890	LAS	36	022.5/024.4	ADD SHOULDERS AND BIKE LANE	Susan River	HB4N	SWPPP/303	TBD	10/00	11/02	12/03	2/04	1/05
2	D	37220	LAS	36	24.7/26.2	REHAB DRAINAGE - Susanville	Susan River	HA42	SWPPP/401/303	TBD	12/99	12./01	2/02	12/02	10/03
3	A	36400	LAS	395	28/28	LONG VALLEY CREEK BRIDGE - SCOUR/BRIDGE REPLACEMENT	Long Valley Cr	HA21	401	TBD	9/01	TBD	TBD	TBD	TBD
4	A	35940	LAS	395	4.6/11.8	ROADWAY REHABILITATION	Long Valley Cr	HA22	SWPPP/401	TBD	8/01	TBD	TBD	TBD	TBD
5	A	35950	LAS	395	91/98.3	ROADWAY REHABILITATION		HA22	SWPPP	TBD	8/01	TBD	TBD	TBD	TBD
6	B	34400	LAS	36	R026.4/R029.4	ADD TWO LANES	Susan River	HE13	SWPPP/401/303	>1	12/97	TBD	TBD	TBD	TBD
7	D	32580	LAS	44	000.0/014.7	ROADWAY REHABILITATION	Poison Lake, Butte Cr	HA22	SWPPP/401	67.0	10/97	11/01	7/02	10/02	9/03
8	D	25850	LAS	395	011.8/024.8	ROADWAY REHABILITATION	Long Valley Cr	HA22	SWPPP/401	4.0	8/95	8/01	1/02	3/02	10/03
9	B	38160	LAS	395	32.4/56.5	WIDEN SHOULDERS/ RUMBLE STRIPS	Honey Lake	HB1	SWPPP/401/303	TBD	11/01	TBD	TBD	TBD	TBD
10	D	37360	LAS	395	89.0/	ADD CULVERTS - Secret Valley	Deep Creek	HA42	SWPPP/401	TBD	12/99	6/01	1/*02	3/02	10/02
11	D	33620	MOD	299	52.2/52.7	PASSING LANE - Cedar Pass	Cedar Creek	HB4N	SWPPP/401	TBD	9/99	6/01	9/01	11/01	8/02

SECTION FIVE

Regional Work Plans

TABLE 5-1: DISTRICT 3 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

Number	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Prog 1	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
											Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&E D) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	B	36520	ED	50	66.7/067.8	Const Safty Barr & Repl Echo Viad	Lake Tahoe	HB4N	LT/SWPPP/303	>1	10/97	8/02	12/03	1/04	10/06
2	B	1C990	ED	50	67.3/	Replace Overpass	Lake Tahoe	HA21	LT/SWPPP/303	<1	9/01	10/02	TBD	1/04	TBD
3	B	1A730	ED	50	67.6/080.4	Roadway Rehabilitation	Lake Tahoe	HA22	LT/SWPPP/303	>1	9/02	7/04	TBD	1/06	TBD
4	D	1A610	ED	50	69.4/	Avalanche Control	Lake Tahoe	HA42	LT/SWPPP/303	<1	7/00	12/01	3/03	2/03	12/03
5	B	43602	ED	50	75.4/077.3	Add Curb,Gutter,Sidewalk & Bike Ln	Lake Tahoe	HE12	SWPPP/LT/303	1.5	TBD	7/02	10/04	1/05	11/06
6	D	43601	ED	50	77.3/079.3	Add Curb, Gutter, Sidewalk & Bike Ln	Lake Tahoe	HB4N	SWPPP/LT/303	>1	TBD	10/01	11/02	1/03	1/05
7	D	1C310	ED	89	02.0/002.8	Rock Slope Protection	Lake Tahoe	HA42	LT/SWPPP/303	>1	8/00	11/01	9/02	12/02	12/03
8	D	1C300	ED	89	16.2/016.3	Restore Borrow Pit/Disposal Site	Lake Tahoe	HA42	LT/SWPPP/303	1.4	8/00	11/01	4/02	5/02	2/03
9	D	3A21U	NEV	80	017.1/028.1	Rehabilitate Roadway	Truckee River	HA22	LT/SWPPP/303	13.5	TBD	TBD	4/00	6/00	10/03
10	C	4A190	NEV	80	018.3/019.1	Oversight Design Ag Station	Truckee River	HA13	LT/SWPPP/303	3.0	TBD	4/01	7/01	7/01	7/03
11	C	4A240	NEV	80	R005.6/	Rehab Rest Area		HA26	LT	<1	9/99	1/01	10/02	1/03	1/05
12	D	29102	NEV	267	000.0/002.8	Relinquish Existing Route	Truckee River	HE14	LT/SWPPP/303	<1	2/01	10/01	2/02	7/02	1/03
13	C	2A460	NEV	080	014.2/015.5	Pcc Med,Cncr Brr,Drng Upgr,Deck Med	Truckee River	HB1	LT/SWPPP/303	3.5	6/99	9/99	5/01	10/01	4/03
14	D	0C750	NEV	080	027.9/028.6	Pcc Ol,Repl Br,Retain Wls,Drain Upg	Truckee River	HA21	LT/SWPPP/303	3.2	9/01	7/02	TBD	10/02	TBD
15	C	0A630	NEV	080	R002.5/015.5	Rehab Pcc & Drainage, Rplc Grd Rls		HA22	SWPPP/LT	153.0	1/00	5/01	5/01	10/01	8/05
16	B	1C080	NEV	089	000.1/000.2	Widen Underpass	Truckee River	HE11	LT/SWPPP/303	>1	10/01	7/05	TBD	4/12	TBD

SECTION FIVE

Regional Work Plans

Number	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Prog 1	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
											Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&E D) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
17	C	29100	NEV	267	000.0/002.8	Realign Freeway And Structures	Lake Tahoe	HA22	LT/SWPPP/303	>80	2/89	7/92	11/98	3/99	5/03
18	D	29101	NEV	267	000.0/002.8	Landscape Mitigation	Lake Tahoe	HE14	LT/SWPPP/303	<1	2/01	9/01	9/02	11/02	5/04
19	D	41450	PLA	89	004.7/005.2	Landsc, Path, Paving	Lake Tahoe	HB34	LT/SWPPP/303	<1	6/99	1/02	12/02	1/03	12/03
20	D	2A090	PLA	267	006.7/008.7	Construct Storm Water Retention Basins	Lake Tahoe	HA42	LT/SWPPP/303	4.0	6/99	1/02	12/02	1/03	10/03
21	B	2A940	PLA	028	000.0/011.0	Rehab Pav, Add Or Wid Sh, Imp Drain	Lake Tahoe	HA22	LT/SWPPP/303	>1	9/01	10/02	TBD	12/03	TBD
22	B	2A920	PLA	089	000.0/T008.6	Rehab Pav, Add Or Wid Sh, Imp Drain	Lake Tahoe	HA22	LT/SWPPP/303	>20	9/01	7/03	TBD	10/04	TBD
23	B	3A760	PLA	089	008.3/T008.5	Construct Bicycle/Ped Facility	Lake Tahoe	HC	LT/SWPPP/303	<1	TBD	12/04	6/06	7/06	11/07
24	B	1C970	PLA	267	008.4/009.9	Rehab/Water Quality Improvements	Lake Tahoe	HA22	LT/SWPPP/303	>1	9/02	7/04	TBD	7/06	TBD

TABLE 5-1 LEGEND

(1) SWMP Category

SWMP Category is defined in SWMP Section 4.4.1, Table 4-3

(A) Beginning of Project Development Process prior to approval of the PSR

(B) PSR approved but Environmental Documents not Final

(C) Environmental Documents final

(C) Environmental Documents final, design complete and project in the construction phase of project delivery

(2) CRITERIA

SWPPP=greater than 5 acres of land disturbance (1 acre after March 2003)

303d = 303(d) listed

401 = 401 Cert,

SEP= Supplemental Environmental Project

Retro=Storm Water Retrofit Project (SWMP 4.4.2)

LT= Lahontal RWQCB specific requirements for the Lake Tahoe Hydrologic Unit

HR = High Risk Area Present

RB = RWQCB designated projects posing a threat to water quality

Program Codes (Prog 1)

HA11 Equipment Facilities

HA12 Maintenance Facilities

HA13 Office Facilities

HA21 Bridge work

HA22 Road work

HA23 Major Damage Restoration

HA26 New SRRA

HA42 Roadway Protective Betterment's

HA4S2 Bridge Seismic Retrofit

HM3 Highway Maintenance

HB1 Traffic Safety

HB34 Beautification and Modernization

HB4C Operational Improvement

HB4N Operational Improvement

HE11 STIP - Interchange and Over/Undercrossings

HE12 STIP-

HE13 STIP - Widening

HE14 STIP - Interchange

HM1 Highway Maintenance

STIP Capital Improvements

**TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES
DISTRICT 2**

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
None that require 401 certification.							
Maintenance Facility and Activity Inspections							
All maintenance facilities within Region 6 (Lahontan) are tentatively scheduled for inspection in the 2002/2003 fiscal year.							
Maintenance Facility BMP Improvements							
Implementation of BMPs at sand storage sites will be improved. Other BMP improvements will be initiated when facility inspections indicate that improvements are necessary to comply with the Statewide Permit.							
Maintenance BMP Actions/Modifications							
Vactor waste disposal - Several disposal sites are used for vactor waste. These sites are designed to filter effluent prior to discharge. Effluent will be monitored during disposal events.							
Road Grinding Reuse - Road grindings reused by The Department will not be placed where they may migrate to surface waters. In general, grindings will be kept at least 100 feet from waterways and will placed and compacted to create a stable surface.							
Vegetation Management and Vegetated Slope Management							
<div>The District 2 Vegetation Control Plan (VCP) for FY 2002/03 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</div> <div><ul style="list-style-type: none">Type of chemical to be applied and form (dry or liquid)Application locations, lengths, widths, total area, rates, frequency, total amountReason for applicationMowing program</div> <div>Districts will provide the VCP for FY 02/03 to the RWQCB by May 15, 2002.</div>							
Vegetated Slope Evaluation: District 2							
County			Route	PM	Inspection Schedule	Remediation Action Planned	
None scheduled in Region 6 (Lahontan) this fiscal year.							

SECTION FIVE

Regional Work Plans

DISTRICT 3

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
			None that require 401 certification.				
Maintenance Facility and Activity Inspections							
.Nine of the Districts maintenance facilities are tentatively scheduled for inspection in FY 02/03. FPPPs for the Tahoe City and Truckee Maintenance stations will be reviewed to ensure compliance with the Permit with consideration given to the close proximity of Lake Tahoe and the Truckee River.							
Maintenance Facility BMP Improvements							
Implementation of BMPs at sand storage sites will be improved. Other BMP improvements will be initiated when facility inspections indicate that improvements are necessary to comply with the Statewide Permit.							
Maintenance BMP Actions/Modifications							
Snow and Ice removal - Snow and ice control practices will conform to the BMPs summarized in the De-icer report required for the Lahontan Region.							
Road Grinding Reuse - Road grindings reused by the Department will not be placed where they may migrate to surface waters. In general, grindings will be kept at least 100 feet from waterways and will placed and compacted to create a stable surface.							
Vegetation Management and Vegetated Slope Management							
<p>The District 3 Vegetation Control Plan (VCP) for FY 2002/03 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program <p>Districts will provide the VCP for FY 02/03 to the RWQCB by May 15, 2002.</p>							
Vegetated Slope Evaluation: The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.							

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and The Department staff.

(2) Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body with project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

DISTRICT 2

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 001/002.
District 2 does not have any plans for monitoring in the Lahontan Region in the 02/03 fiscal year.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.
Training and Public Outreach
Project Planning and Design Guide (PPDG) and Erosion Control training will be conducted.. Caltrans will work cooperatively with the Associated General Contractors (AGS) to provide a variety of storm water training subjects to contractors. Some Caltrans storm water training classes will be available for participation by local agencies.
Municipal Coordination
Meetings are not yet scheduled but will be conducted with new MS4 permittees. These permittees are expected to include Lassen County and the City of Susanville. Coordination activities are currently conducted on projects of mutual interest and could be expanded to include training opportunities and collaboration on regional treatment BMPs if applicable.
Coordination is an ongoing process for all projects that involve or require local agency participation.

SECTION FIVE

Regional Work Plans

DISTRICT 3

Monitoring Activities				
Monitoring activities are being conducted at various locations within Region 6 (Lahontan).				
Site-specific monitoring will be conducted at five sites in the Tahoe Basin; 3 in El Dorado Co. and 2 in Placer County.				
Construction Compliance Monitoring Program				
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.				
Training and Public Outreach				
Project Planning and Design Guide (PPDG) and Erosion Control training will be conducted.. Caltrans will work cooperatively with the Associated General Contractors (AGS) to provide a variety of storm water training subjects to contractors. Some Caltrans storm water training classes will be available for participation by local agencies.				
Municipal Coordination				
Coordination meetings are conducted on a regular basis with various local agencies in the Truckee/Tahoe Basin. Meetings will be expanded to include with newly permitted MS4 permittees in the District.				
District 3 has several cooperative agreements in effect with local agencies. These include:				
County	Route	PM	Local Agency	Purpose of Agreement
ED	89	13.8/14.7	El Dorado County	Construct treatment basins
PLA	89	6.3/6.7	Placer County	Evaluate offsite runoff quantities.

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

6

CALTRANS DISTRICT

7

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN FISCAL YEAR 2002/2003

REGION 6B

Lahontan Regional
Water Quality Control Board

CTSW-RT-01-075



California Department of Transportation
District 7
120 South Spring Street
Los Angeles, CA 90012

April 1, 2002

**CERTIFICATION
REGIONAL WORK PLAN
California Regional Water Quality Control Board
Los Angeles, Lahontan, Central Valley and Central Coast Regions
[Region 4, 6B, 5F, 3]
Fiscal Year 2002/2003
April 1, 2002**

CALIFORNIA DEPARTMENT OF TRANSPORTATION DISTRICT 7

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

Robert Sassaman

District Director

**APPROVAL
REGIONAL WORK PLAN
California Regional Water Quality Control Board
Los Angeles, Lahontan, Central Valley and Central Coast Regions
[Region Numbers 4, 6B, 5F, 3]
Fiscal Year 2002/2003
April 1, 2002**

CALIFORNIA DEPARTMENT OF TRANSPORTATION DISTRICT 7

Doug Failing,

Chief Deputy

William H. Reagan,

Deputy District Director,

Design

Frank Quon,

Deputy District Director,

Operations

Peter Chan,

Deputy District Director,

Construction

Raja Mitwasi,

Deputy District Director,

Program & Project Management

Michael Miles,

Deputy District Director,

Maintenance

Lawrence Staley,

Deputy District Director,

Right of Way

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SECTION 2 CALTRANS PERSONNEL AND RESPONSIBILITIES	2-1
SECTION 3 DISTRICT FACILITIES AND WATER BODIES	3-1
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1.0 INTRODUCTION

The purpose of the Regional Work Plans (RWPs) is to describe how Caltrans Districts will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2002-2003 as required by the Caltrans Statewide Storm Water NPDES Permit CAS000003 Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

The RWP provides region-specific information on Caltrans facilities, water bodies, and Best Management Practices (BMPs), and monitoring programs according to the following sections:

- Section 1 – Introduction;
- Section 2 – Personnel and Responsibilities;
- Section 3 – District Facilities and Water Bodies;
- Section 4 – High Risk Areas; and
- Section 5 – Implementation Activities.

2.0 CALTRANS PERSONNEL AND RESPONSIBILITIES

Portions of Caltrans Districts 7 fall within the jurisdiction of the Lahontan Regional Water Quality Control Board. Staff responsible for implementing the SWMP within the LARWQCB jurisdiction are listed in Table 2-1. Organization charts for District 7 are included in Figure 2-1.

In compliance with Permit Section M.10.b, the following positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

[Positions or Individuals]	Documents Authorized for Signature
Office Chief and Above	Notification of Construction (NOC)
Resident Engineer	Notice of Completion of Construction (NCC)
Project Engineer	Aerially Deposited Lead (ADL) Notification

SECTION TWO

Regional Work Plans

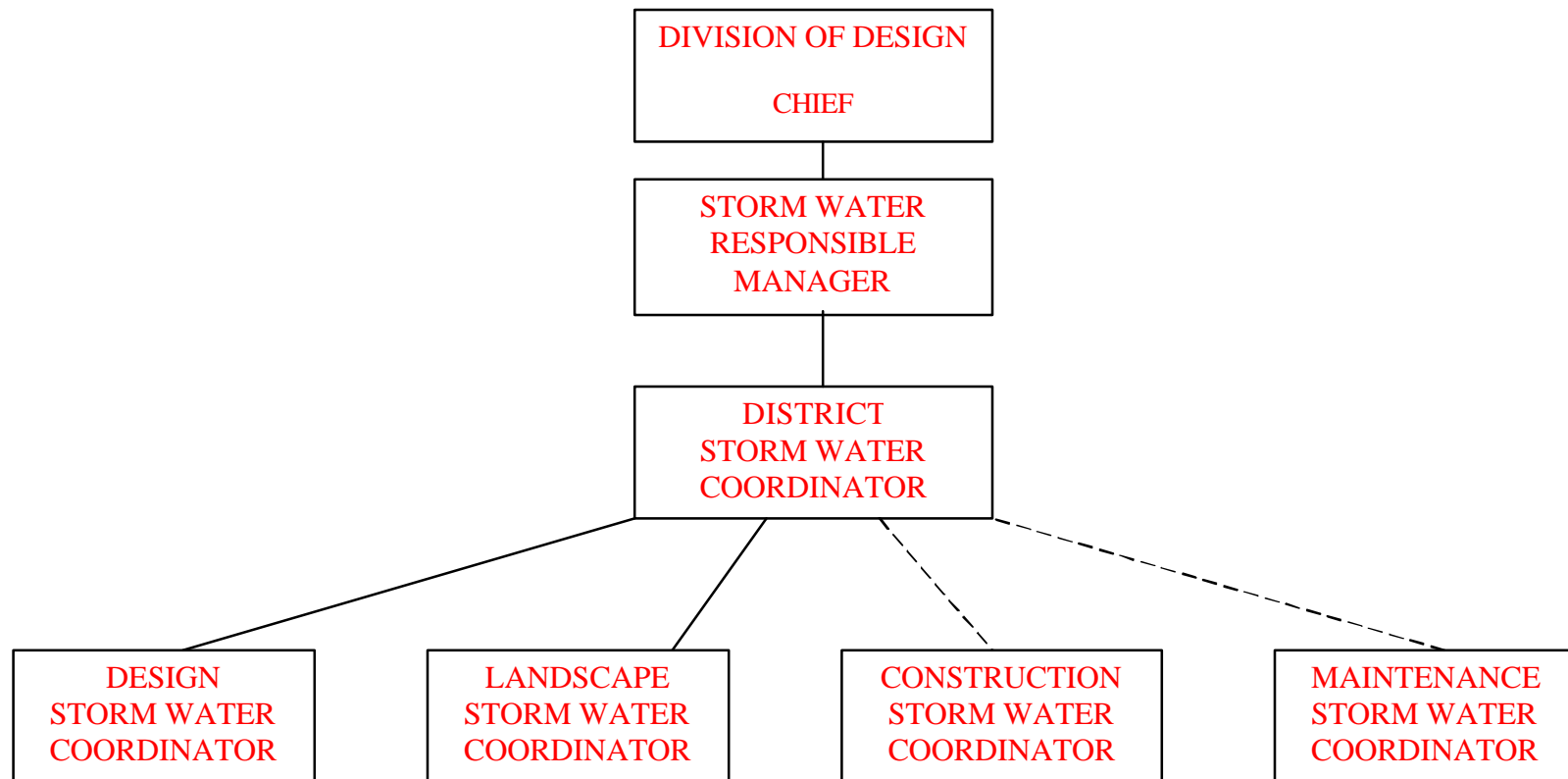
TABLE 2-1: CALTRANS STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Jai Paul Thakur	District Responsible Manager	(213) 897-7546	Jai_Paul_Thakur@dot.ca.gov	Primary contact for all storm water issues. Oversees all NPDES office employees within the Districts.
Shirley Pak	District/Design NPDES Storm Water Coordinator	(213) 897-0428	Shirley_Pak@dot.ca.gov	The point of contact for regulatory inquiries for implementing the Statewide SWMP. Receiving and responding to public inquiries made to the Districts regarding storm water management issues. Evaluating guidelines, guidance documents, training material, project plans, contract specifications, BMPs for use by design personnel.
Hai Ching Pan	Landscape Storm Water Coordinator	(213) 897-0627	HaiChing_Pan@dot.ca.gov	Provide technical support on erosion control and landscaping issues to implement storm water policies. Review and comment on highway slope and drainage design and BMPs research projects. Coordinate and respond to NRDC lawsuit related inquiries on landscaping and provide technical support in setting up the annual element projects. (From Section 10.3 in SWMP)
Bob Wu	District TMDL Coordinator	(213) 897-8636	Robert_Wu@dot.ca.gov	Coordinated Trash Total Maximum Daily Load (TMDL) program between District 7 and LARWQCB. Coordinate the storm drain outfall inventory in Ventura County and Los Angeles County.
James Burt	District Storm Water Construction Coordinator	(213) 897-1960	James_Burt@dot.ca.gov	Conducts inspections to assist the RE in ensuring that storm water controls are implemented on construction sites and to assist the REs in reviewing SWPPPs/WPCPs for adequacy. Provides training to district construction personnel. Prepared Annual BMP Effectiveness Report to NRDC.
Martin Sanchez John Garner	District Storm Water Maintenance Coordinator	(213) 620-5020 (213) 620-2110	Martin_Sanchez@dot.ca.gov John_Garner@dot.ca.gov	Primary contact for Maintenance storm water issues. Coordinating, tracking and reporting the District's response to illicit connections/ illegal discharges (IC/IDs) and non-permitted non-storm water discharges.
Ron Russak	District Storm Water Annual Element Coordinator	(213) 897-0233	Ron_Russak@dot.ca.gov	Select, Identify, Estimate, Define and Develop the Annual Element Soil Stabilization Program. Review and track the status of the Program and operations for each year's projects. Prepare reports for submittal to NRDC Consultants.

SECTION TWO

District Specific Activities

FIGURE 2-1
District 07 – Storm Water Organization Chart



3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Caltrans facilities and water bodies within each District and Regional Board jurisdiction. A list of Caltrans facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 07 boundaries within the Lahontan Regional Water Quality Control Board and major roads and highways are presented on Figure 3-1.

TABLE 3-1: DISTRICT 7 FACILITIES

CO	RTE	PM	NAME	COMMENTS
Maintenance Stations				
NONE				
Maintenance Stations (continued)				
NONE				
Vista Points				
KERN	14	57.8	Lamont-Odet	Vista Point
Commercial Vehicle Enforcement Facilities				
NONE				
Safety Roadside Rest Areas				
NONE				
Park and Ride Facilities				
LA	138	25.1	Pearblossom	Route 138 at Sierra Highway in Pearblossom
Sand and Salt Staging Areas				
LA	14	54.6	Vincent	Sand and Salt Storage
TOLL ROAD AND TOLL BRIDGE PLAZAS				
NONE				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Caltrans facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

4.0 HIGH RISK AREAS

A list of high-risk areas within District 7 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Caltrans owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. **Table 4-1 shows high-risk areas for surface water.** These are the high-risk areas that must be monitored in cases of accidental spill. Additional sites may be added to the high-risk list based on discussion between the L.A. Regional Water Quality Control Board (RWQCB) and Caltrans. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities Caltrans first contacted known public and private water supply providers. From the information received, Caltrans determined which facilities were susceptible to a direct spill from a Caltrans activity or facility. This determination was based on proximity between the water body and Caltrans facility, use characteristics of the facilities, and the probable spill response time.

Caltrans will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS (SURFACE WATER)

Road Segment/ Facility	County	High Risk Area	Description	Comments
NONE				

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. Caltrans will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided in April.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and Caltrans) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are with a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. The Caltrans postmile map is to help the RWQCB staff locate the projects. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the Storm Water Pollution Prevention Program.

Table 5-1: District 7 Anticipated Project Development / Construction Schedule
Central Coast Region

No.	SWMP Category	EA#	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria*	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PAED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
						NONE								

*SWMP Category

SWMP Category is defined in SWMP Section 4.4.1, Table 4-3

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental Documents are final
- (D) Environmental Documents final, design complete and project in the construction phase of project delivery

* Criteria

- SWPPP = Greater than five (5) acres of land disturbance or greater than one acre of land disturbance after 2003.
- 303d = 303 (d) listed water body within project limits and affected by project. All projects indicated are 303d non-visible pollutants unless indicated by (SED). The only 303d listed waterbody with sediment pollution is the Mugu Lagoon for Region 4, and Bear C
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated project as a potential threat to water quality

*ALL PROJECTS ARE ASSUMED TO HAVE A DISTURBED SOIL AREA OF ONE (1) ACRE OR MORE

SECTION FIVE

Regional Work Plans

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
LA	14	24.5-77.0*	Basin, culvert & drop inlet cleaning. Shoulder grading & slide removal	Newhall Creek, Placerita Creek, Agua Dulce Creek, Santa Clara River Watershed, Anaverde Wash, Amargosa Wash & California Aqueduct	303d, 401	7-1-02	6-30-03
LA	14	24.5-77.0*	Snow removal	Newhall Creek, Placerita Creek, Agua Dulce Creek, Santa Clara River Watershed, Anaverde Wash, Amargosa Wash & California Aqueduct	303d, 401	11-15-02	3-31-03
Maintenance Facility and Activity Inspections							
All Maintenance Facilities are scheduled for inspection by the Maintenance Storm Water Coordinators.							
One inspection of Maintenance activities for each Region will be conducted by Maintenance Storm Water Coordinators.							
Maintenance Facility BMP Improvements							
BMPs at sand storage sites							

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Maintenance BMP Actions/Modifications
Shoulder maintenance improvements, minimize shoulder disturbance, shoulder work will be implemented only to correct /repair drop-offs for safety and preservation of structure.
Vector waste disposal is done only at prior approved sites, wet material is placed into dewatering bins and dry material into approved containment structures / facilities. Material is sampled/tested to determine its appropriate disposition.
Road Grinding Reuse: No planned use of grindings, use of grindings would incite an evaluation of the proposed location.

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Vegetation Management and Vegetated Slope Management				
<p>Vegetation Control Plan</p> <p>The District 7 Vegetation Control Plan (VCP) for FY 2002/03 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> Type of chemical to be applied and form (dry or liquid) Application locations, lengths, widths, total area, rates, frequency, total amount Reason for application Mowing program <p>Districts will provide the VCP for FY 02/03 to the RWQCB by May 15, 2002.</p>				
<p>Vegetated Slope Evaluation</p> <p>The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.</p>				
	Route/PM	County	Inspection Schedule	Remediation Action Planned
NONE				

- (1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Caltrans staff.

(2) Criteria

SWPPP = Greater than 5 acres of land disturbance

303d = 303 (d) listed water body with project limits and affected by project. All projects indicated are 303d non-visible pollutants unless indicated by (SED). The only 303d listed sediment polluted water is Mugu Lagoon in Region 4 and Bear Creek in Region 6, that are not listed in Table 5-2.

401 = 401 Certification/Waiver required

SEP = Supplemental Environmental Project

Retro = Storm Water Retrofit Project (SWMP 4.4.2)

LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit

HR = Project limits within High Risk Area

RB = RWQCB designated projects as a potential threat to water quality

* The project's range of postmile falls in two regions, Region 4 and Region 6. Thus the project is listed on both Regional Workplans.

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
<p>As part of the Maintenance Monitoring Program, under the direction of the Maintenance Storm Water Coordinator, Maintenance was actively participated in the Non-Storm Water Inspections, Maintenance Activity Pollution Prevention Plan (MAPPP), Facility Pollution Prevention Plan (FPPP), and the Maintenance Facility BMP Effectiveness Programs.</p> <p>In order to minimize impact to water bodies by Caltrans projects, all major projects will be reviewed by different units (for example: Hydraulics, Landscape Architecture, Storm Water, Materials, Construction, and Maintenance) during District 7's Quality Review Process. During Quality Review meetings, designers are informed of the NPDES Permit requirements and available BMPs to minimize Storm Water pollution.</p>
Construction Compliance Monitoring Program
<p>As part of the Construction Monitoring Program, the Construction Storm Water Coordinator worked closely with the Storm Water Pollution Prevention Team to inspect and to educate Resident Engineers, inspectors, and contractors on the proper implementation of construction BMPs through field inspections and review of SWPPP and WPCP plans.</p>

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Training and Public Outreach
<p>Training of Caltrans personnel takes place during Maintenance Tailgate meetings, Resident Engineer meetings, and Project Development Quarterly meetings. Caltrans staff is also provided directions in various guidance documents.</p> <p>Maintenance provided various training to staff, to name a few were the Annual Awareness Training and the Highway Spill Response Training. During the Tailgate meetings, Maintenance Stormwater Bulletin are reviewed, proper BMP installation methods are also shared among Maintenance crews.</p> <p>Construction provided storm water training in Construction Engineer Academy and the Construction Boot Camps.</p> <p>Training will be provided to Design staff upon completion of the latest revision of the Project Planning and Design Guide.</p> <p>Additional programs such as the Litter Ramp Study and Keep America Beautiful (KAB).</p>
<p>Public outreach, demonstration of Enviroscope watershed model in elementary schools in Culver City and in the Los Angeles County Fair.</p>
<p>Public outreach in and local agency events such as water sampling.</p>
<p>District 7 uses a variety of methods to educate the public about the importance of managing storm water. This consists of a variety of written materials, bulletins, websites, workshops and the Caltrans Adopt-a-Highway Program. The written material is designed to appeal to the general public while providing technical information on selected Caltrans projects and activities. District 7 installed "No Dumping" and "Litter Free" signs at selected locations on highways and freeways. Stenciled warnings prohibited discharges to drain inlets at park-and-ride lots, rest areas, vista points and other areas with pedestrian traffic.</p>

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Municipal Coordination
District 7 coordinates storm water management activities with municipalities, flood control districts, RWQCB's and other entities as necessary. Coordination is implemented through informal discussions, meetings, agreements, procedures, and special studies.

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

6

CALTRANS DISTRICT

8

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN FOR FISCAL YEAR 2002/2003

REGION 6

Lahontan Regional
Water Quality Control Board

CTSW-RT-01-075



California Department of Transportation
District 8
464 West Fourth Street – 6th Floor
San Bernardino, California 92401-1400

April 1, 2002

**CERTIFICATION
REGIONAL WORK PLAN
California Regional Water Quality Control Board
Lahontan Region 6
Fiscal Year 2002/2003
April 1, 2002**

California Department of Transportation District 8

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

Anne Mayer, District Director

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1.0 INTRODUCTION

The purpose of the Regional Work Plans (RWPs) is to describe how District 8 will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2002-2003 as required by the Department Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

The RWP provides region-specific information on Department facilities, water bodies, and Best Management Practices (BMPs), and monitoring programs according to the following sections:

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- Section 4 – High Risk Areas; and
- Section 5 – Implementation Activities.

2.0 DISTRICT PERSONNEL AND RESPONSIBILITIES

Portions of the Department District 8 fall within the jurisdiction of the Lahontan Regional Water Quality Control Board (coverage area). Organization charts for District 8 are included in Figures 2-1. Staff responsible for implementing the SWMP within the Lahontan Regional Water Quality Control Board jurisdiction are listed in Table 2-1.

TABLE 2-1: THE DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

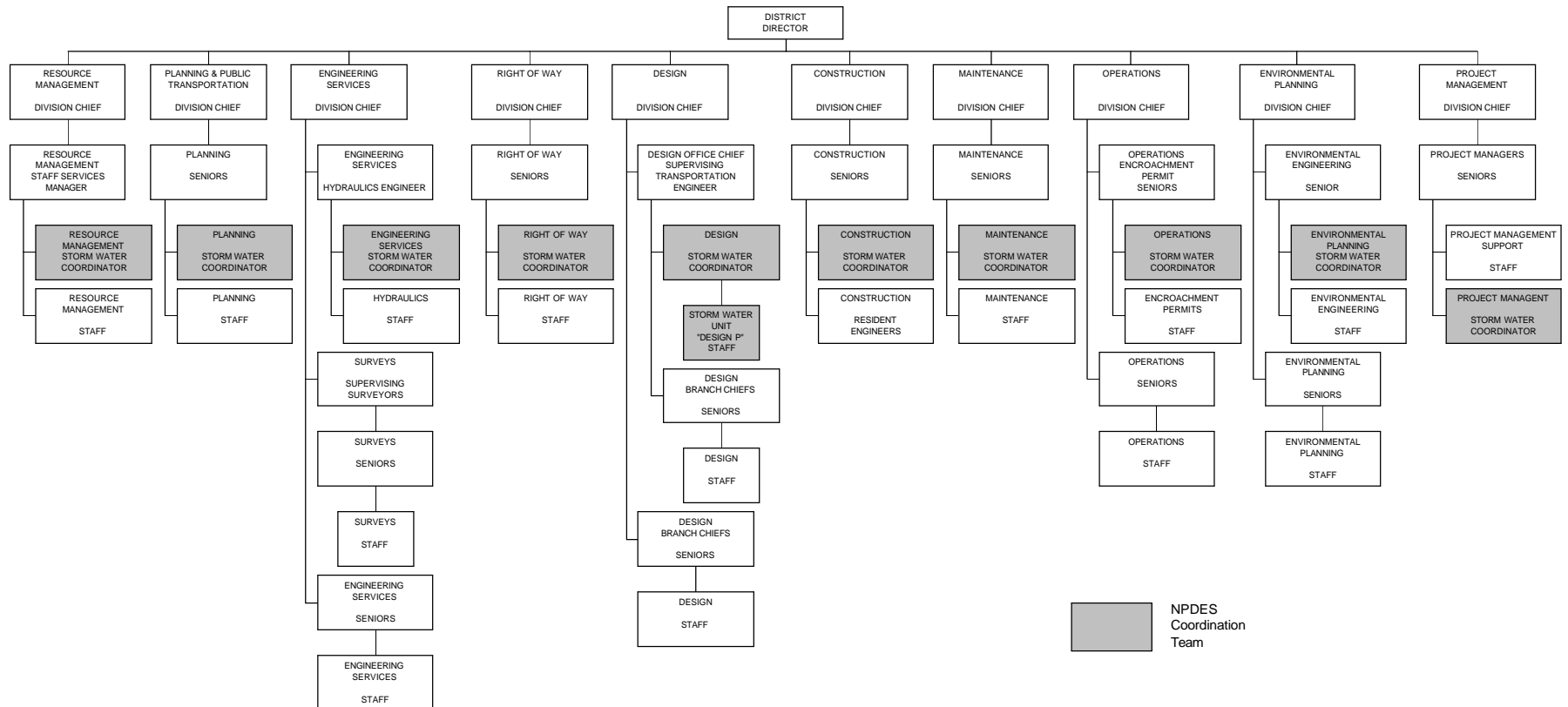
Staff	Title	Phone Number	E-Mail Address	Responsibilities
Paul Lambert	NPDES Storm Water Coordinator, Design Storm Water Coordinator	(909) 383-4948	Paul_Lambert@dot.ca.gov	Primary contact for all storm water issues. Oversees all NPDES office employees within the Districts.
Walt Griffith	Construction Storm Water Coordinator	(909) 514-2402	Walt_Griffith@dot.ca.gov	Conducts inspections to assist the RE in ensuring that storm water controls are implemented on construction sites and to assist the RE s in reviewing SWPPPs/WPCPs
Jim Dodd	Maintenance Storm Water Coordinator	(909) 383-4703	Jim_Dodd@dot.ca.gov	Implementation of the policies, procedures, personnel and equipment of the District SWMP
Scott Neff	Engineering Services Storm Water Coordinator	(909) 383-6483	Scott_Neff@dot.ca.gov	Primary contact for Hydraulic-related storm water issues.
Phillip Reynolds	Project Management Storm Water Coordinator	(909) 383-4960	Phillip_Reynolds@dot.ca.gov	Primary contact for Project Management-related storm water issues.
Chung-Yuan Wen	Operations Storm Water Coordinator	(909) 383-7549	Chung-Yuan_Wen@dot.ca.gov	Primary contact for Operations-related storm water issues.
Michael Yarbrough	Right of Way Storm Water Coordinator	(909) 383-4581	Michael_Yarbrough@dot.ca.gov	Primary contact for Right of Way-related storm water issues.
Rosanna Roa	Environmental Planning Storm Water Coordinator	(909) 383-5917	Rosanna_Roa@dot.ca.gov	Primary contact for Environmental Planning-related storm water issues.
Yong H. Kim	Planning Storm Water Coordinator	(909) 388-7027	Yong_Kim@dot.ca.gov	Primary contact for Transportation Planning-related storm water issues.
Vacant	Resource Management Storm Water Coordinator	Vacant	Vacant	Primary contact for Resource Management-related storm water issues.

In compliance with Permit Section M. 10. b, the following [individuals/positions] listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions	Documents Authorized for Signature
District Director	All
District NPDES Storm Water Coordinator	A District storm water related documents except Annual Report Certification
Design Senior Engineer	NOC
Construction Senior or Resident Engineer	SWPPP approval, NOCC
Maintenance Senior Env Planner	Maintenance activity reports
Maintenance Superintendent	Maintenance activity reports

Figure 2-1: Organizational Structure of District 8 Storm Water Program



3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 8 boundaries within the Lahontan Regional Water Quality Control Board], and major roads and highways are presented on Figure 3-1.

TABLE 3-1: DISTRICT 8 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
SBd	395	45.9	Beechers Corner	Maintenance
SBd	18	25.2	Burnt Mill	Maintenance
SBd	18	32.9	Dry Creek	Maintenance
SBd	15	170.6	Mountain Pass	Maintenance
SBd	40	0.8	Barstow	Land. & Maint.
SBd	15	38.8	Victorville	Land. & Maint.
Vista Points				
N/A				
Commercial Vehicle Enforcement Facilities				
N/A				
Roadside Rest Areas				
SBd	15	R107.4	Clyde V. Kane	NN
SBd	15	R107.4	Clyde V. Kane	SS
SBd	15	161.2	Valley Wells	NN
SBd	15	161.2	Valley Wells	SS
SBd	40	R28.4	Desert Oasis	EE
SBd	40	R28.4	Desert Oasis	WW
Park and Ride Facilities				
SBd	15	79.6	Meridian	
SBd	15	37.6	Bear Valley	
SBd	18	24.7	Lake Arrowhead	
SBd	18	31.8	Running Springs	
SBd	15	71.68	Barstow	
Sand and Salt Staging Areas				
SBd	18	32.9	Dry Creek	
SBd	15	38.8	Victorville	
SBd	18	25.2	Burnt Mill	
Snow Storage Sites				
N/A				
Toll Road and Bridge Plazas				
N/A				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department

facilities and water bodies may also be found at the following website: <http://stormwater.water-programs>.

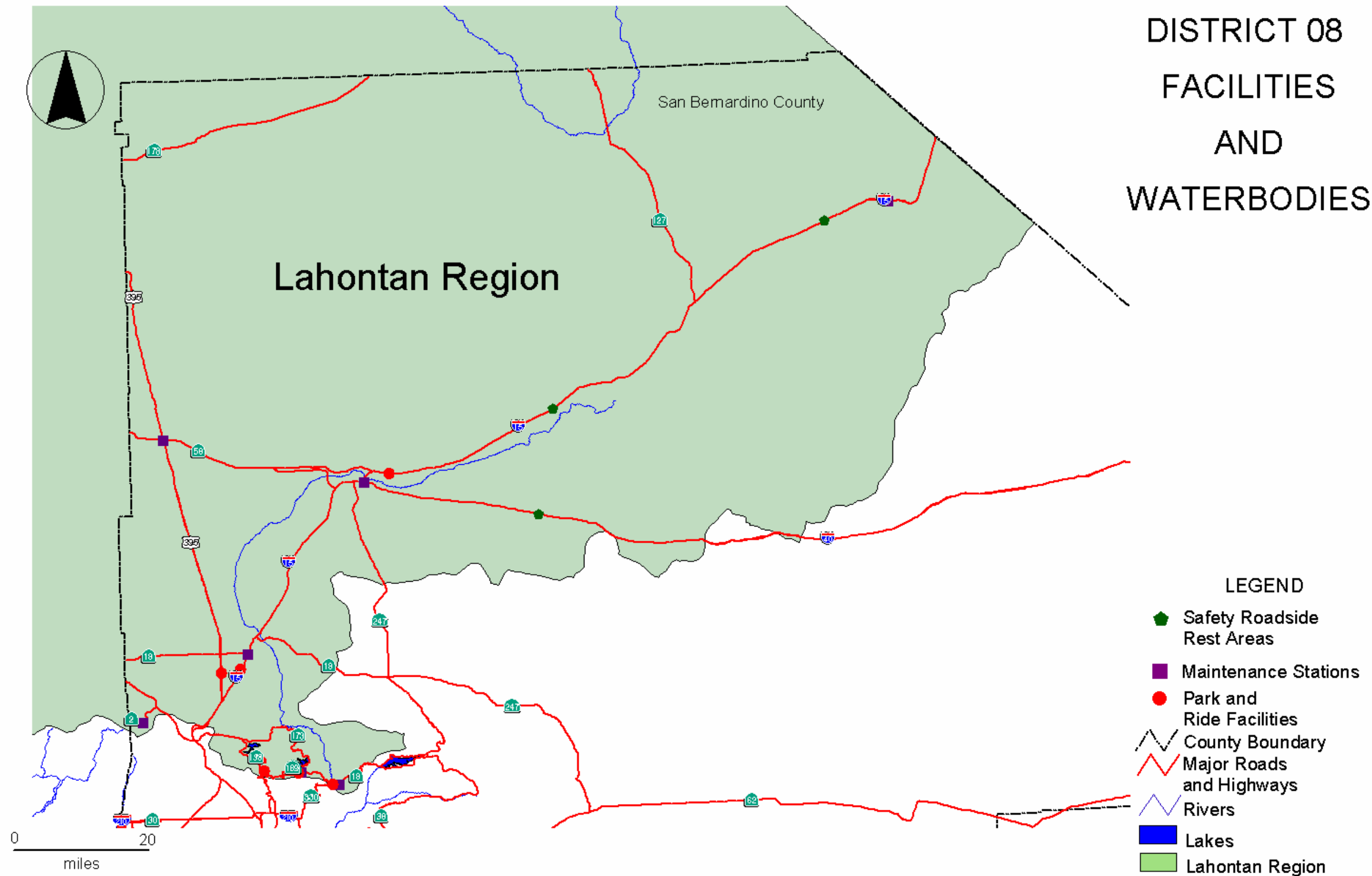


Figure 3-1

4.0 HIGH RISK AREAS

A list of high risk areas within District 8 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities the Department first contacted known public and private water supply providers. From the information received, the Department determined which facilities were susceptible to a direct spill from a Department activity or facility. This determination was based on proximity between the water body and the Department facility, use characteristics of the facilities, and the probable spill response time.

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
173	SBd	Lake Arrowhead	PM 18.57 to PM 19.58	Domestic Reservoir
173	SBd	Lake Arrowhead	PM 20.25 to PM 20.97	Domestic Reservoir
173	SBd	Lake Arrowhead	PM 21.31 to PM 21.46	Domestic Reservoir
189	SBd	Lake Arrowhead	PM 3.42 to PM 4.07	Domestic Reservoir
138	SBd	Silverwood Lake	PM 26.65 EB offramp terminus at Cleghorn Rd.	Domestic Reservoir
138	SBd	Silverwood Lake	PM 26.65 WB offramp terminus at Cleghorn Rd.	Domestic Reservoir
138	SBd	Silverwood Lake	PM 28.073 (Sawpit Cyn Br 54-858)	Domestic Reservoir
138	SBd	Silverwood Lake	PM 29.378 (Burnt Mill Cyn Br 54-859)	Domestic Reservoir

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided in April 2002.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and The Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are with a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

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Regional Work Plans

TABLE 5-1: DISTRICT 8 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP** Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	A	1A840	SBD	015	15.96-186.2	CONSTRUCT "GROUND IN" RUMBLE STRIPS	WATER BODIES AFFECTED	SWPPP, 303(d)	26.5		12/01/01	03/01/02	08/01/02	10/01/02
2	A	36850	SBD	015	177.8-185.1	CONSTRUCT COMMERCIAL VEHICLE ENFORCEMENT FACILITY AND AGRICULTURAL INSPECTION FACILITY.	none	SWPPP	280	10/13/1995	5/1/2002	11/1/2002	6/1/2003	8/1/2004
3	A	34040	SBD	395	4-48	CONST 6LN FRWY FR I-15 TO SR-18; 4-LN FRWY FR SR-18 TO PURPLE SAGE ST & 4-LN EXPWAY FR PURPLE SAGE ST TO FARMINGTON RD		SWPPP		07/27/01	07/03/06			
4	B	47610	SBD	015	115.3-119	SOUTHBOUND TRUCK CLIMBING LANE (OUTSIDE)		SWPPP	15	11/27/2000	7/1/2003	6/1/2004	11/1/2004	3/1/2006
5	B	4393U	SBD	015	169.9-182.1	CONSTRUCT NB TRUCK DESCENDING LANE AND PAVEMENT REHABILITATION (SEGMENT 2)	Rocky Wash	SWPPP, 303(d), 401	420	10/7/1997	6/1/2003	8/1/2003	3/1/2004	3/1/2006

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Regional Work Plans

6	B	39470	SBD	018	66.7-66.8	REPLACE BRIDGE	IVANPAH DRY LAKE	SWPPP, 401	pending	9/1/2001	8/1/2004	12/1/2005	7/1/2006	3/1/2007
7	B	46970	SBD	138	0-14	CONSTRUCT TRUCK CLIMBING LANES, WIDEN SHOULDERS, REALIGN RDWY, MODIFY INTERSECTIONS & REHAB RDWY (PROJECT TO INCLUDE EA 46980G, 47450G & 47460G.)	Cushionberry Cr.	SWPPP	70	8/26/1999	6/30/2001	9/1/2002	9/1/2003	12/1/2006
8	C1a	40580	SBD	002	4.4-5	MINOR GRADING AND ADD SHOULDERS	Cajon Wash	SWPPP, 401	9.2	1/1/1996	1/17/1996	2/1/1999	10/17/2000	9/1/2001
9	C1a	33510	SBD	138		REALIGN INTERSECTION & WIDEN	Horse Canyon Wash	SWPPP, 401	Pending	1/31/1996	1/1/2002	7/1/2003	3/1/2004	2/1/2005
10	C1a	48390	SBD	138	4.6-6	REALIGN BEEKLEY RD IS & INSTALL SIGNAL	Horse Thief Creek	SWPPP		3/24/1999	7/11/2000	11/1/2000	5/1/2001	12/1/2001
11	C1a	34011	SBD	138	0-15.2	WIDEN FROM 2 LANES TO 4 LANES WITH MEDIAN LTL (Includes 34000K)	none	SWPPP		7/31/1997	11/1/2002	7/1/2005	6/1/2006	8/1/2009
12	C1a	34770	SBD	058	0-12.9	CONSTRUCT 4-LANE EXPWY	Sheep Creek, cajone canyon creek	SWPPP, 401	200	7/21/1991	1/1/2003	9/1/2005	7/3/2006	8/3/2009
13	C1b	1A340	SBD	015	74.2	ROCK SLOPE PROTECTION	none	SWPPP, 303(d), 401	2	12/28/00	5/1/2001	9/1/2001	2/1/2002	4/1/2002
14	D1a	37020	SBD	015	33.5-34.5	RECONSTRUCT IC	Armory Channel	SWPPP	30.0	9/26/1995	7/21/1998	5/1/2002	11/1/2002	4/1/2004
15		45670	SBD	015	74.9-99.5	REHABILITATE	None	SWPPP, 303(d), 401	78	10/30/1998	10/30/1998	4/1/2002	12/1/2002	9/1/2003

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16		45680	SBD	015	99.5-124	REHABILITATE	Mojave River, Calico Ditch, Yermo Ditch	SWPPP, 303(d), 401	78	10/30/1998	10/30/1998	4/1/2002	12/1/2002	9/1/2003
17		40320	SBD	018	73.7-84.3	CONSTRUCT 2.4 M WEST SHOULDERS WITH SAME STRUCTURAL SECTION AS MAINLINE, REALIGN HORIZONTAL CURVE AND CONSTRUCT 2 KM OF PASSING LANES	WASH, EAST WASH, MOUND WASH,	SWPPP		9/30/1999	9/1/2004	6/1/2005	3/1/2006	12/1/2006
18		47600	SBD	015	77.3-81	SOUTHBOUND TRUCK CLIMBING LANE (INSIDE AC)		SWPPP	24	11/27/2000	6/1/2002	12/1/2003	5/1/2004	10/1/2005
19		43540	SBD	040	18.04	REPLACE BRIDGE (Bridge Scour Project)		SWPPP, 401	1.1	1/14/2000	1/14/2000	11/1/2002	7/1/2003	7/1/2004
20		20370	SBD	015	136.1-136.2	REPLACE BRIDGES & WIDEN SHOULDERS	no no	SWPPP	2.8	8/8/2000	7/1/2003	12/1/2003	8/1/2004	2/1/2005
21		48630	SBD	040	89-119	REHABILITATE PAVEMENT	no	SWPPP	62 ACRE	9/1/2001	9/1/2001			

* Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body within project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated project as a potential threat to water quality

**SWMP Category is defined in SWMP Section 4.4.1, Table 4-3,

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final

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Regional Work Plans

- (C) Environmental documents final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

SECTION FIVE

Regional Work Plans

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
SBd	I-15	44.4-52.0	Crack Sealing, Grader Blankets, Materials PASS, SC3000 and Cinders	Mojave River	303(d)	Unknown	Unknown
SBd	SR-138	26.5-35.0	Chip Seal	Silverwood Lake	HR	Unknown	Unknown
SBd	SR-138	23.9-30.8	Shoulder Grading and backing, culvert cleaning	Silverwood Lake	HR	Unknown	Unknown
SBd	SR-173	5.6-12.6 ok	Grade Restoration of Dirt surface and culvert cleaning	Mojave River	303(d)	Unknown	Unknown
SBd	SR-173	12.6-23.1	Talus/slide removal, berm restoration and culvert cleaning	Arrowhead Lake	HR	Unknown	Unknown
SBd	SR-173	21.4-23.1	Crack Seal	Arrowhead Lake	HR	Unknown	Unknown
SBd	SR-173	17.6-19.0	AC Overlay	Arrowhead Lake	HR	Unknown	Unknown
SBd	SR-189	0.0-5.6	Talus/Slide removal, Berm restoration, and Culvert cleaning	Arrowhead Lake	HR	Unknown	Unknown
SBd	SR-189	0.0-5.6	Talus/slide removal, Berm Restoration and Culvert Cleaning	Arrowhead Lake	HR	Unknown	Unknown
Maintenance Facility and Activity Inspections							
For the year 2002-03 Beechers Corners, Burnt Mill, Essex, Hemet, Blythe, Keen Camp Maintenance Facilities will be inspected							
Various maintenance activities will be inspected, they include paving, crack sealing, and shoulder backing							
Maintenance Facility BMP Improvements							
Magana / Ortega Maintenance Facility is getting a new material storage building for Special Crews							
Maintenance BMP Actions/Modifications							
Review FPPP at Maintenance Facilities. Determine its effectiveness. If there are deficiencies within the FPPP, then Maintenance will propose modifications for the following year.							
Improve BMPs at Vactor sites							

SECTION FIVE

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Improve BMP's at Material Storage areas.					
Vegetation Management and Vegetated Slope Management					
<p>The District 8 Vegetation Control Plan (VCP) for FY 2002/03 is complete. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program 					
Vegetated Slope Evaluation					
	Route/PM	County	Inspection Schedule	Remediation Action Planned	

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and the Department staff.

(2) Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body with project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 01/02.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program (CCMP). Monitoring results are provided in the annual report. In addition to the CCMP, the District Construction Division conducts internal audits of construction sites. These audits "rate" the performance of the construction sites in the same fashion as the CCMP.
Training and Public Outreach
1. Training will be provided to Design Staff upon completion of the latest revision of the Project Planning and Design Guide
2. Training is an on going process for maintenance. All crews are shown the videos of (Storm Water Quality Training For Maintenance) Course # G31430. The Storm Water Coordinator gives training as needed to all maintenance crews regarding BMP's and environmental concerns. Field Supervisors train, review and document BMP's used on maintenance activities at facilities and in the field for maintenance employees. Storm water training is also given in conjunction with Hazmat training. Additional training will be provided as the new maintenance guidelines are completed. Supervisors and Superintendents receive additional Storm Water training at one of the training sessions at the Maintenance Academy in Kingvale. Maintenance Public Affair Officers distribute Storm Water literature provided from Headquarters' Environmental Section at various Maintenance functions, job fairs, Southern Equipment Rodeo, open houses, Route 66 Rendezvous, etc.
3. Training is an on going process for the Construction Division. All construction field office personnel have been through a 6 hr class, "Storm Water Control on Construction Projects " /#G0C017. All construction field office Seniors and Resident Engineers are also to attained a "Storm Water Control on Construction Projects Management" this class is currently being scheduled. For new employees and those who were unable to attend the original classes there will be additional classes scheduled. The District Construction Division conducts training sessions in the Districts field offices and provides assistance reviews in the same fashion as the CCMP.

SECTION FIVE

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

District Storm Water Unit staff will again participate in the Environmental Expo, to be held at Cal State San Bernardino. Staff from the District Storm Water Unit will demonstrate the effects of all-too-common activities (excessive pesticide and fertilizer use, dumping used motor oil in stormdrains, poor erosion control practice, etc) on Non-point Source storm water pollution using the District's Enviroscope watershed model. Hand-outs describing the Department' Storm Water Program will be distributed.
The District Storm Water Unit will also demonstrate the Enviroscope watershed model as part of the District's "Bring your Child to Work Day". The model will be displayed for children of District employees between the ages of 6 and 16.
The District Storm Water Unit, with the assistance of the District Public Affairs Unit, will seek out additional public information opportunities at County Fairs, schools, and other public events.
Municipal Coordination
As development of an MS4 permit for the Victorville/Adelanto/Apple Valley/Hesperia metropolitan area develops, District Storm Water Unit personnel will coordinate with those communities as their programs develop.

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

6

CALTRANS DISTRICT

9

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN FOR FISCAL YEAR 2002/2003

REGION 6

Lahontan Regional
Water Quality Control Board

CTSW-RT-01-075



California Department of Transportation
District 9
500 South Main Street
Bishop, California 93514

April 1, 2002

**CERTIFICATION
REGIONAL WORK PLAN
California Regional Water Quality Control Board
Lahontan Region 6
Fiscal Year 2002/2003
April 1, 2002**

California Department of Transportation District 9

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

Thomas P. Hallenbeck
District Director

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1.0 INTRODUCTION

The purpose of the Regional Work Plans (RWPs) is to describe how the Department's Districts will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board (RWQCB) during Fiscal Year 2002-03 as required by the Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

The RWP provides region-specific information on the Department facilities, water bodies, and Best Management Practices (BMPs), and monitoring programs according to the following sections:

- Section 1 – Introduction;
- Section 2 – Personnel and Responsibilities;
- Section 3 – District Facilities and Water Bodies;
- Section 4 – High Risk Areas; and
- Section 5 – Implementation Activities.

SECTION TWO

District 9 Regional Work Plan

2.0 THE DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of District 9 fall within the jurisdiction of the Lahontan Regional Water Quality Control Board (RWQCB) Region 6 and Central Valley RWQCB Region 5. Its geographic boundaries are limited to Inyo and Mono Counties, but the District's roadway maintenance responsibilities overlap onto State Routes (SRs) 14, 58, 178, and 202 located in Eastern Kern and SRs 127 and 178 in Northern San Bernardino.

An organization chart for District 9 is included in Figure 2.1 on Page 2-3. Staff responsible for implementing the SWMP within the Lahontan RWQCB jurisdiction is listed in Table 2-1.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Carolyn Yee	District NPDES Coordinator	(760) 872-1492	Carolyn_Yee@dot.ca.gov	Primary contact for all storm water issues within District.
Terry Gess	District Transportation Planning Storm Water Coordinator	(760) 872-142	Terry_Gess@dot.ca.gov	Secondary contact for all storm water issues within District.
Randy Wright	District Storm Water Maintenance Coordinator	(760) 872-0633	Randy_Wright@dot.ca.gov	Primary contact for Maintenance storm water issues.
Roscoe Good	District Storm Water Supervisor	(760) 872-5299	Roscoe_Good@dot.ca.gov	Secondary contact for Maintenance storm water issues.
Ralph Cones	District Storm Water Permits Coordinator	(760) 872-0674	Ralph_Cones@dot.ca.gov	Primary contact for Permits storm water issues.
Mark Reistetter	District Storm Water Local Assistance Coordinator	(760) 872-0681	Mark_Reistetter@dot.ca.gov	Primary contact for Local Assistance storm water issues.
Susan Lent	District Storm Water Public Affairs Coordinator	(760) 872-0603	Susan_Lent@dot.ca.gov	Primary contact for Public Affairs storm water issues.
Marc Boswell	Central Region NPDES Coordinator	(559) 243-3565	Marc_Boswell@dot.ca.gov	Primary contact for storm water issues in the Central Region.
Luis Elias	Central Region Construction Storm Water Design Coordinator	(760) 872-5251	Luis_Elias@dot.ca.gov	Primary contact for Construction storm water issues within the District.

SECTION TWO

District 9 Regional Work Plan

Christopher Dionisio	Central Region Storm Water DesignCoordinator	(760) 872-5212	Christopher_Dionisio@dot.ca.gov	Primary contact for Design storm water issues within the District.
Truman Denio	Central Region Storm Water Hydrological Coordinator	(760) 872-0733	Truman_Denio@dot.ca.gov	Primary contact for Hydrology storm water issues within the District.
Dan Holland	Central Region Storm Water Environmental Coordinator	(760) 872-3021	Dan_Holland@dot.ca.gov	Primary contact for Environmental storm water issues within the District.

In compliance with Permit Section M. 10. b, the following positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board.

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Individual/Position*	Documents Authorized for Signature
Thomas P. Hallenbeck, District Director	All District Documents
Dave Grah, Deputy District Director - Maintenance	All District Documents, except Regional Work Plan and Annual Report
Craig Holste, Deputy District Director – Program Management	All District Documents, except Regional Work Plan and Annual Report
Katy Walton, Deputy District Director-Planning and Programming	All District Documents, except Regional Work Plan and Annual Report

Figure 2.1: District 9 Organizational Storm Water Program*

District Director
THOMAS P. HALLENBECK

District Storm Water Management Team*:

District NPDES Coordinator
CAROLYN YEE

Transportation Planning Coordinator
TERRY GESS

Maintenance/Haz Mat Coordinator
RANDY WRIGHT

Maintenance Storm Water Supervisor
ROSCOE GOOD

Local Assistance Coordinator
MARK REISTETTER

Permits Coordinator
RALPH CONES

Public Affairs Coordinator
SUSAN LENT

Region NPDES Coordinator
MARC BOSWELL

Region Construction Coordinator
LUIS ELIAS

Region Design Coordinator
CHRIS DIONISIO

Region Hydraulics Coordinator
TRUMAN DENIO

Region Environmental Coordinator
DAN HOLLAND

* Each person is subject to change at any time.

SECTION THREE

District 9 Regional Work Plan

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies the Department's facilities and water bodies within each District and Regional Board jurisdiction. A list of the Department's facilities, excluding roadways, is presented in Table 3-1. A map showing District 9 boundaries within the Lahontan and the Central Valley RWQCBs, and major roads and highways are presented in Figure 2.1 on Page 3-1 (PENDING).

TABLE 3-1: DISTRICT 9 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
Inyo	006	0.13	Bishop	Highway Maintenance
Mono	395	76.0	Bridgeport	Highway Maintenance
Mono	395	34.2	Crestview	Satellite
Inyo	190	107.4	Death Valley	Highway Maintenance
Inyo	395	73.8	Independence	Highway Maintenance
Kern	178	92.0	Inyokern	Highway Maintenance
Inyo	395	19.0	McGee Creek	Highway Maintenance
Kern	58	112.3	Mojave	Highway Maintenance
Inyo	127	14.7	Shoshone	Highway Maintenance
Mono	395	93.8	Sonora Junction	Highway Maintenance
Kern	202	10.5	Tehachapi	Highway Maintenance
Mono	395	51.6	Lee Vining	Highway Maintenance
Inyo	395	51.6	Lone Pine	Satellite
Mono	395	63.6	Conway Summit	Satellite
Mono	203	2.2	Minaret	Satellite
Vista Points				
Mono	395	69.2	Dogtown	
Mono	395	62.5	Mono Lake	
Mono	395	14.6	Lake Crowley	
Mono	395	14.3	Lake Crowley	

SECTION THREE

District 9 Regional Work Plan

Vista Points				
Mono	395	4.7	Sherwin Grade	
Mono	395	4.1	Sherwin Grade	
Inyo	190	65.5	Town's Pass	
Mono	395	64.5	North Conway	
Mono	395	42.0	Sandhouse	
Commercial Vehicle Enforcement Facilities				
Kern	58	81.0	Keene	
Kern	58	105.5	Cache Creek	
Roadside Rest Areas				
Inyo	395	R17.7	Coso Junction	17 mi. S of Jct. Route 395/190
Inyo	395	R83.9	Division Creek	10 mi. N of Independence
Mono	395	32.4	Crestview	1.6 mi. S of Crestview
Kern	58	139.0	Boron	27 mi. E of Mojave
Park and Ride Facilities				
Kern	178	103.8	Ridgecrest	NW corner of Richmond Rd
Sand and Salt Staging Areas				
Inyo	395	3.2	Sherwin Grade	Sand and Salt Storage
Kern	58	90.72	Tehachapi	Sand and Salt Storage
Snow Storage Sites				
Mono	395	76.8	Bridgeport	Snow storage site
Mono	158	2.8	June Lake	Snow storage site
Toll Road and Bridge Plazas				
NONE				

Figures – Provide location map(s) with format and content determined by The Department

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on the Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>.

4.0 HIGH RISK AREAS

A list of high risk areas within District 9 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from the Department's owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities the Department first contacted known public and private water supply providers. From the information received, the Department determined which facilities were susceptible to a direct spill from a Department activity or facility. This determination was based on proximity between the water body and the Department facility, use characteristics of the facilities, and the probable spill response time.

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

SECTION FOUR

District 9 Regional Work Plan

Road Segment/ Facility	County	High Risk Area	Description	Comments
U.S. Hwy 395, PM 9.5	Inyo	Little Lake	Water supply reservoir for surrounding communities. The road segment is a heavily used trucking route and accidental spills have the potential to immediately impact the drinking water resource before response actions could be initiated.	Additional BMPs to be implemented this year as described in Section 5.
SR 158, PM 2.3/3.3	Mono	June Lake System	Water supply reservoir for town of June Lake. The road segment is a heavily used trucking route and accidental spills have the potential to immediately impact the drinking water resource before response actions could be initiated.	Additional BMPs to be implemented this year as described in Section 5.
SR 158, PM 3.3/14.4	Mono	June Lake Down Canyon	Water supply reservoir for town of June Lake. The road segment is a heavily used trucking route and accidental spills have the potential to immediately impact the drinking water resource before response actions could be initiated.	Additional BMPs to be implemented this year as described in Section 5.

SECTION FOUR

District 9 Regional Work Plan

Road Segment/ Facility	County	High Risk Area	Description	Comments
SR 182, PM 0.0/12.0	Mono	East Walker River	Water supply source the Bridgeport Reservation. The road segment is a heavily used trucking route and accidental spills have the potential to immediately impact the drinking water resource before response actions could be initiated.	Additional BMPs to be implemented this year as described in Section 5.
SR 108, PM 12.9	Mono	West Walker River	Water supply source for the towns of Walker, Coleville, and Topaz. The road segment is a heavily used trucking route and accidental spills have the potential to immediately impact the drinking water resource before response actions could be initiated.	Additional BMPs to be implemented this year as described in Section 5.
SR 395, PM 96.0/106.0	Mono	West Walker River	Water supply source for the town of Bridgeport. The road segment is a heavily used trucking route and accidental spills have the potential to immediately impact the drinking water resource before response actions could be initiated.	
*				

* This is a partial list.

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided in April.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and The Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are with a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the Storm Water Pollution Prevention Program.

SECTION FIVE

District 9 Regional Work Plan

TABLE 5-1: DISTRICT 9 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	**SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	A*	09-30110_	INYO	0	L5949	Scenic pullouts at various locations.		SWPPP	5+	7/02				
2	D	09-28430_	INYO	6	0.1/8.4	Thick blanket (CAPM) near Bishop on Rte 6 from Wye Rd. to 0.2 KMs of Chalfant Rd (KP 0.2/13.4;KP 0.0/7.2	Owens River	303(d)	<5		5/02		1/1/03	
3	A*	09-30520_	INYO	127	0.0/49.4	Operational improvements near Shoshone from Rte 15 in SB Co. to the Nevada Stateline, at various locations (KPX 0.0/79.5). Special studies.		401	<5	12/1/01				
4	A*	09-29690_	INYO	190	28.8/33.0	Drainage improvement near Keeler from 6.8 KM East Junction Rte 136 to 2.7 KM West Talc City Rd (KPX046.3-X053.1)	Centennial Wash	SWPPP 401	20	12/01	11/02	3/05	9/05	12/05
5		09-30480_	INYO	190	65.9/75.0	Realignment near Panamint Springs from 0.8 KM East Vista Point to 2.4 KM West Wildrose Road (KPX106.1/120.7)	Panamint Springs	SWPPP	40	7/02	7/03	7/04		
6	C	09-310301_	INYO	190	78.0/86.5	Resurface Roadway (CAPM) near Panamint Springs from 5.6 KM West of Wildrose to 1.3 KM West of Grotto Canyon Rd (KPX117.5/139.2)	Panamint Springs	401	<5	12/01	12/01	12/01		
7	B	09-27310_	INYO	395	112.9/115.0	Widening, dig outs, and AC overlay near Bishop from Warm Springs Rd to J St in Bishop (KP{X181.7/X185.1)		SWPPP	5+	10/1/02	10/02	10/04		
8	A*	09-30060_	INYO	395	17.9	Construct new SB SRR near Coso Junction at Coso Rd (KPX28.8)		SWPPP	5+	8/24/01				
9	B	09-21480_	INYO	395	70.3/76.1	Widen to 4 lane expressway near <u>Independence</u> from 4.3 KM South Mazourka Canyon Rd to 1.0 KM North Shabbell Lane (KPX113.1/X122.8)		SWPPP	8		7/03	8/04		

SECTION FIVE

District 9 Regional Work Plan

TABLE 5-1: DISTRICT 9 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	**SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
10	B	09-21460_	INYO	395	77.3/9106	Widen to 4 lane expressway near Independence (<u>Blackrock</u>) from 0.3 KM North to North Fort Rd to 0.2 KM South of Elna Rd (KPX124.4/X147.4)		SWPPP 401	300		10/1/02	10/03	8/04	4/06
11	A*	09-30150_	INYO	395	84.0	Rehab existing rest area near Independence at Division Creek Roadside Rest (KPX135.2)	Canal	401	<5	12/01				
12	A*	09-30330	INYO	395	84.0	Construct new SB SRR near Big Pine at Division Creek Safety Roadside Rest (KPX135.2)	Canal	SWPPP	5+	8/24/01				
13	B	09-25800	INYO	395	117.9/122.4	Recycle, widen shoulders, AC overlay.		SWPPP	10		9/1/03	9/05		
14	B	09-21340	INYO	395	30.8/41.8	Construct 4 lane expressway (<u>Olancho</u>).		SWPPP	8	1/22/99	8/04	11/08		
15	B	09-28790	INYO	395	99.0/100.8	Sidewalks, drainage, AC overlay.		401	<5		2/1/02	8/03	2/04	12/04
16	B	09-29550	INYO	395	R0.0/R11.8	Widening, curve realignment, overlay.	Little Lake	401	5	8/31/99	2/06	8/07	3/08	10/09
17	B	09-21440_	INYO	395	R65.2/R71.2	Widen to 4 lane expressway near Independence (<u>Manzanar</u>) from 0.6 KM South of LADWP Aqueduct Bridge # 48-14 to 2.9 KM South of Mazourka Canyon Rd (KPX104.9/114.6)		SWPPP 401	150		7/1/02	9/03	7/04	1/07
18	B	09-26350_	MNO	0	L5705	Construct new maintenance station near Lee Vining 2.6KM South of the North Junction of Rte 158.		SWPPP	5+		10/1/02			
19	D	09-27970_	MNO	108	3.0/3.1	Replace bridge in Mono County about 19 KM West of Sonora Junction at Soda Creek Bridge.	Soda Creek	401	<5	9/3/97	6/29/99	10/16/00	3/27/01	11/1/02
20	D	09-28810	MNO	158	0.0/6.0	Resurfacing roadway (CAPM) near June Lake from Junction Rte 395 to 0.2 KM North of Power House Rd (KPX0.0/9.7)	June Lake, Gull Lake, Reverse Creek	401 301(d)	<5	8/31/99	10/27/99	8/1/02	3/1/03	11/03

SECTION FIVE

District 9 Regional Work Plan

TABLE 5-1: DISTRICT 9 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	**SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
21	D	09-28760_	MNO	158	2.5/2.9	Install new concrete sidewalk in Mono County in June Lake from West Big Rock Rd to Gull Lake Rd.	June Lake, Gull Lake, Reverse Creek	303(d)	<5	3/6/98	3/8/99	9/11/00	10/12/01	7/1/02
22	A*	09-30080_	MNO	203	0.0/0.6	Drainage correction in Mammoth Lakes (<u>Minaret Drainage</u>) from the Madera County line to 1.0 Km East (KPX0.0/1.0)		401	<5	8/24/01	11/13/01	12/01		
23	D	09-28460_	MNO	203	4.8/8.7	Dig outs, crack seal, AC overlay in <u>Mammoth (rehab)</u> from Lake Mary Rd to Rte 395 (KPX7.7/14.0)		401	<5	9/27/97	11/5/99	10/19/01		12/1/02
24	D	09-25480_	MNO	395	113.2/114.5	Construct passing lanes near Coleville (<u>Topaz passing lanes</u>) from 0.2 KM North of Cunningham Lane to 0.5 KM South Topaz Lane (KPX181.0/182.3)	Irrigation ditches	SWPPP	5+	6/27/91	6/25/99	8/31/01		1/1/03
25	A*	09-23770_	MNO	395	117.9/119.4	Realign & curve correction near Topaz (<u>High Point</u>) from 1.4 KM North Rte 89 to 0.8 KM South of Nevada Stateline (KPX189.7/192.2)	Topaz Lake	SWPPP 303(d)	5+	3/16/00	10/07	4/09		10/11
26	D	09-213111	NMO	395	44.5/51.3	Widen highway in Mono County near Lee Vining from 2.4 KM South of South Junction Rte 120 to 1.0 KM North of Junction Rte 120.	Lee Vining Creek, Rush Creek	SWPPP 401	5+	12/21/87	8/27/97	9/13/99	4/5/00	10/1/02
27	D	09-2788U_	MNO	395	51.2/52.8	Resurface existing highway in Mono County in/near Lee Vining from Lee Vining Ave to 0.5 KM South of Picnic Grounds Rd.	Mono Lake	401 303(d)		9/23/97	8/19/99	9/29/00	3/28/01	7/1/02
28	B	09-26990	MNO	395	52.8/55.9	Widen shoulders & construct pullouts near Lee Vining from 0.5 KM South Picnic Ground Rd to 0.3 KM North of Cemetery Rd (KPX85.0/90.0)	Mono Lake	SWPPP 401 303(d)	5+	7/22/97	10/1/02	1/05	7/05	1/07

SECTION FIVE

District 9 Regional Work Plan

TABLE 5-1: DISTRICT 9 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	**SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
29	A*	09-26410_	MNO	395	57.8/60.2	Widen to 4 lanes near Mono Lake from 0.6 KM South Rte 167 to 0.3 KM North Conway Ranch Rd (KPX93.0/X96.9)	Mono Lake	SWPPP 401 303(d)	5+	12/28/98				
30	B	09-30180_	MNO	395	36.1/93.1	Resurface roadway (CAPM)		401	<5	10/10/00	11/15/00	1/02	7/02	1/03
31	B	09-30430_	MNO	395	66.0/68.0	Widen shoulders and construct pullouts near Mono Lake from 4.0 KM North Virginia Lakes Rd to 3.0 KM South Junction 270.	Mono Lake	SWPPP 401 303(d)	5+	12/1/01				
32	B	09-26900_	MNO	395	R0.0/R10.3	AC overlay, shoulder widening		SWPPP	5+	11/4/94	10/02	10/04	6/05	10/07
33	C	09-308401	MNO	395		SW improvements	Mono Lake	401 303(d)	<5		10/01		5/02	01/02
34		09-28220_	MNO	6	0	Rehab pavement and construct new bridge.	Spring Canyon Creek	SWPPP	5+	10/31/96	5/9/00	7/16/01	3/02	1/03

+ This is a partial list.

*** Criteria**

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body within project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated project as a potential threat to water quality

**** SWMP Category is defined in Section 4.4.1, Table 4-3.**

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved, but Environmental documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

SECTION FIVE

District 9 Regional Work Plan

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
Maintenance Facility and Activity Inspections							
All 13 Maintenance Facilities are scheduled for annual inspections by the District Storm Water Coordinator and/or District Maintenance Storm Water Coordinator.							
Maintenance Facility BMP Improvements							
Guidelines for BMPs at sand storage sites are currently under development and will be detailed upon completion.							
Fueling and spill cleanup instructions will be posted.							
Lee Vining Maintenance Station will install oil and water separators.							
Triangular silt dike barrier will be installed for stock piles on road and in maintenance facilities.							
Maintenance BMP Actions/Modifications							
Shoulder maintenance improvements are currently under development and will be detailed upon completion.							
Vector waste disposal guidelines are currently under development and will be detailed upon completion.							
Snow and Ice removal guidelines are currently under development and will be detailed upon completion.							
Road Grinding Reuse guidelines are currently under development and will be detailed upon completion.							

SECTION FIVE

District 9 Regional Work Plan

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Vegetation Management and Vegetated Slope Management					
Seed storage at Bishop (erosion control program).					
<p>The District 9 Vegetation Control Plan (VCP) for FY 2002/03 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program <p>Districts will provide the VCP for FY 2002/03 to the RWQCB by May 15, 2002.</p> <p>The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.</p>					
	Route/PM	County	Inspection Schedule	Remediation Action Planned	

- (1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and The Department staff.

(2) Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body with project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
Monitoring activities will be conducted in accordance with the Statewide Monitoring Program described in the Storm Water Monitoring Plan FY 2001/02.
Continued monitoring at the storm water runoff station located northbound on U.S. Hwy 395 PM 0.17/0.2.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.
Training and Public Outreach
BMP training is given every 10 days to the maintenance crew.
Salt and cinder calibration training will be provided to maintenance crew.
Quarterly training on storm water issues will be provided to crews.
Two public outreach presentations/workshops are planned for federal, other state, and local agencies (including Tribal Entities).
Two training seminars are planned for all Functional Units within the District.
Municipal Coordination
Coordination for discussions and/or meetings are currently under development with Lahontan RWQCB and will be detailed upon completion.

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

6

CALTRANS DISTRICT

10

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN FOR FISCAL YEAR 2002/2003

REGION 5b

Central Valley Regional
Water Quality Control Board

CTSW-RT-01-075



California Department of Transportation

District 10
P.O. Box 2048
Stockton, CA 95201

April 1, 2002

**CERTIFICATION
REGIONAL WORK PLAN
California Regional Water Quality Control Board
Central Valley Region, 5b
Fiscal Year 2002/2003
April 1, 2002**

California Department of Transportation District 10

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

MARK LEJA
District Director

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Section 3	District Facilities and Water Bodies	3-1
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1.0 INTRODUCTION

The purpose of the Regional Work Plans (RWPs) is to describe how the Department's Districts will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2002-03 as required by the Department's Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

The RWP provides region-specific information on the Department's facilities, water bodies, and Best Management Practices (BMPs), and monitoring programs according to the following sections:

- Section 1 – Introduction;
- Section 2 – Personnel and Responsibilities;
- Section 3 – District Facilities and Water Bodies;
- Section 4 – High Risk Areas; and
- Section 5 – Implementation Activities.

SECTION TWO

District 10 Regional Work Plan

2.0 THE DEPARTMENT'S PERSONNEL AND RESPONSIBILITIES

Portions of the Department's 10 fall within the jurisdiction of the Regional Water Quality Control Board, Central Valley Region. An organization chart for District 10 is included in Figure 2-1. Staff responsible for implementing the SWMP within the Central Valley Region jurisdiction are listed in Table 2-1.

TABLE 2-1: THE DEPARTMENT'S STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Marc Boswell	Central Region NPDES Coordinator	(559) 243-3565	marc_boswell@dot.ca.gov	Primary contact for all Central Region storm water issues.
Darren Cousineau (Acting)	District NPDES Storm Water Coordinator	(559) 243-8007	darren_cousineau@dot.ca.gov	Primary contact for all District 10 storm water issues.
Larry Lowe	Central Region Storm Water Construction Coordinator	(559) 444-2594	larry_lowe@dot.ca.gov	Primary contact for construction-related storm water issues.
Logan Houston	District 10 Maintenance Storm Water Coordinator	(209) 576-6315	lhouston01@dot.ca.gov	Primary contact for maintenance-related storm water issues.
Allan Shafer	District 10 Maintenance Storm Water Coordinator	(209) 576-6319	ashafe01@dot.ca.gov	Primary contact for maintenance-related storm water issues.

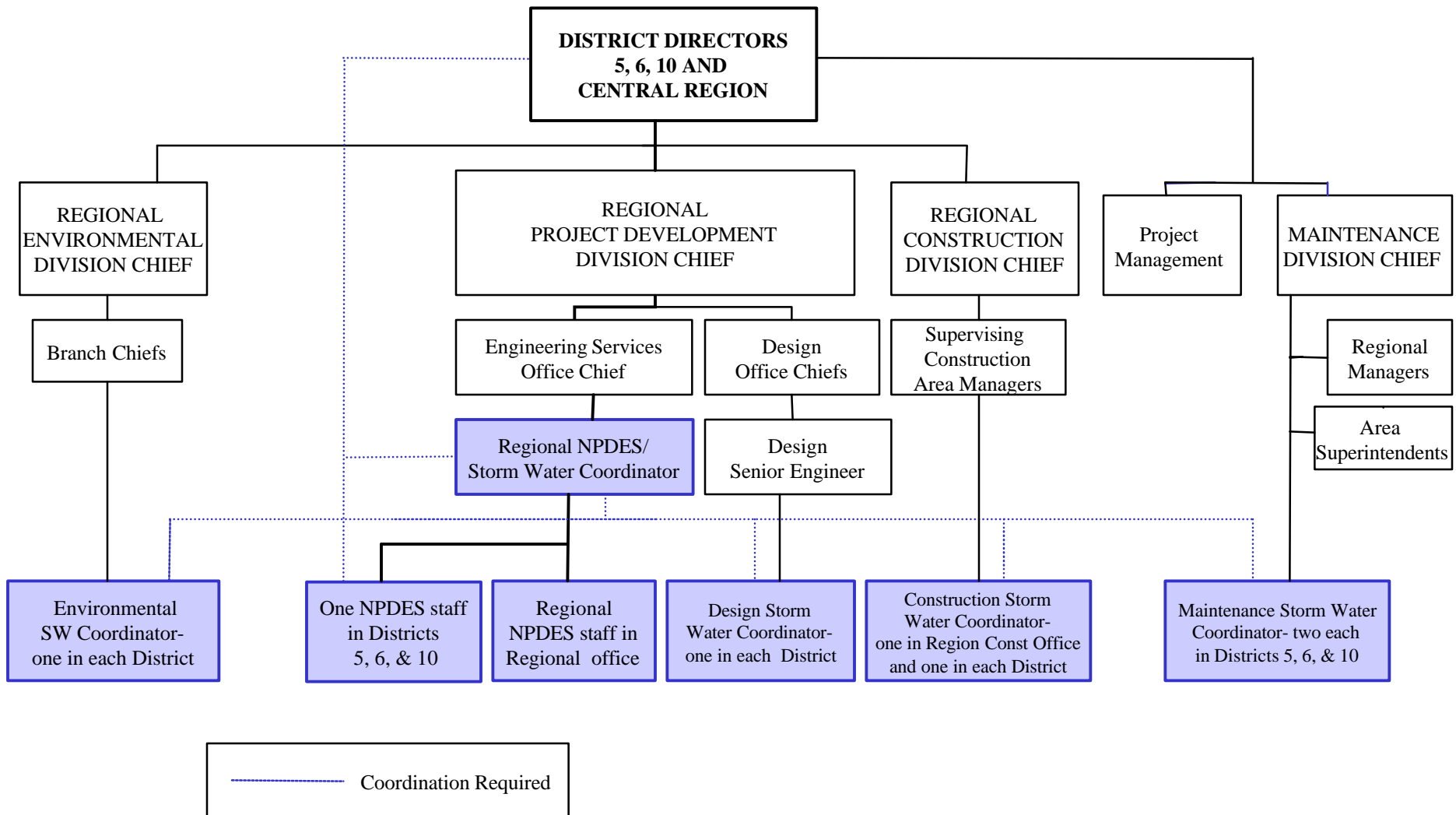
In compliance with Permit Section M. 10. b, the following individuals/positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions or Individuals	Documents Authorized for Signature
Mark Leja, District Director	All District-related storm water documents.
Marc Boswell, Regional Storm Water Coordinator	All Central Region storm water-related documents except Annual Report Certification.
Design Seniors	Notification of Construction
Maintenance Superintendent	Maintenance activity reports.
Resident Engineers	SWPPP Approval, Notice of Completion

**DISTRICTS 5, 6, 10 and CENTRAL REGION
STORM WATER ORGANIZATIONAL CHART**

FIGURE 2-1



3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies the Department's facilities and water bodies within each District and Regional Board jurisdiction. A list of the Department's facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 10 boundaries within the Central Valley Regional Water Quality Control Board, and major roads and highways are presented on Figure A-20 obtained from the State Wide Storm Water Management Plan.

TABLE 3-1: DISTRICT 10 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
SJ	4	18.0	Stockton	District 10 Office
SJ	5	16.2	Stockton	Landscape Maintenance
STA	99	14.5	Modesto Electrical	Special Crews
CAL	49	8.0	Altaville	Highway Maintenance
CAL	004	60.0	Cabbage Patch	Highway Maintenance
CAL	4	49.6	Camp Connell	Highway Maintenance
ALP	88	1.9	Caples Lake Winter	Highway Maintenance
MPA	49	44.8	Coulterville	Highway Maintenance
TUO	120	32.7	Groveland	Highway Maintenance
AMA	124	2.0	Ione	Highway Maintenance
SJ	99	30.7	Lodi	Highway Maintenance
TUO	108	19.0	Longbarn Crew	Highway Maintenance
MER	152	21.4	Los Banos	Highway Maintenance
MER	99	13.0	Merced	Highway Maintenance
MPA	140	29.4	Midpines	Highway Maintenance
STA	99	16.9	Modesto	Highway Maintenance
STA	5	15.9	Patterson	Highway Maintenance
AMA	88	54.0	Peddler Hill	Highway Maintenance
AMA	88	22.9	Pine Grove	Highway Maintenance
TUO	049	12.0	Sonora	Highway Maintenance
SJ	4	18.0	Stockton	Highway Maintenance
SJ	205	6.0	Tracy	Highway Maintenance
CAL	026	34.8	West Point	Highway Maintenance
ALP	89	21.7	Woodfords	Highway Maintenance
Vista Points				
ALP	88	5.6	Carson Pass	Vista Point
AMA	88	63.9		Vista Point
CAL	49	5.6		Vista Point
AMA	88	52.6	Peddler Hill	Vista Point
AMA	88	59.8	Shotrock (USFS)	Vista Point
AMA	88	61.5	Devil's Garden	Vista Point
AMA	88	63.1		Vista Point
ALP	4	3.4		Vista Point
CAL	49	0.5		Vista Point
MPA	49	3.6		Vista Point
MPA	49	9.0		Vista Point
MPA	49	34.6		Vista Point
STA	5	5.2	Dos Amigos	Vista Point

SECTION THREE

District 10 Regional Work Plan

CO	Route	PM	Name	Comments
Vista Points (Continued)				
STA	5	3.8		Vista Point
STA	5	12.8		Vista Point
TUO	120	19.3	Don Pedro Lake	Vista Point
TUO	120	21.6	Don Pedro Lake	Vista Point
TUO	120	44.6	Rim of the World (USFS)	Vista Point
Commercial Vehicle Enforcement Facilities				
CAL	4	29.7	Murphys	Westbound (WB)
MER	5	23.4	Santa Nella	Southbound (SB)
MER	5	23.5	Santa Nella	Northbound (NB)
MER	99	0.9	Chowchilla River	NB
MER	99	32.7	Livingston	SB
TUO	108	17.2	Lyons Dam	Westbound (WB)
Safety Roadside Rest Areas				
STA	5	27.2	Westley	0.9 mi. S of San Joaquin Co Line; NB & SB
STA	99	0.5	Enoch Christoffersen	NB & SB
MER	5	0.7	John "Chuck" Erreca	0.7 mi. N of Fresno Co Line
Park And Ride Facilities				
SJ	99	31.0	Lodi	NE corner Route 12 (Victor Rd) in Lodi
SJ	12	10.3	Thornton Road	SE corner Thornton Road IC, W of Lodi
SJ	99	22.9	Hammer Lane	SW corner Hammer Lane in Stockton
TUO	120	32.2	Ponderosa Lane	11878 Ponderosa Lane in Groveland
Sand And Salt Staging Areas				
TUO	120	50.8	Hardin Hill	Sand and Salt Storage
AMA	88	66.5	Mills Place	Sand and Salt Storage
AMA	88	46.5	Mudsprings	Sand and Salt Storage
ALP	88	13.4	Picketts	Sand and Salt Storage
MPA	49	8.0	Tip Top	Sand and Salt Storage
Snow Storage Sites				
None				
Toll Road And Toll Bridge Plazas				
None				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on the Department's facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

4.0 HIGH RISK AREAS

A list of high risk areas within District 10 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from the Department's owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities the Department first contacted known public and private water supply providers. From the information received, the Department determined which facilities were susceptible to a direct spill from a Department activity or facility. This determination was based on proximity between the water body and the Department's facility, use characteristics of the facilities, and the probable spill response time.

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
SR 152, PM 2.5,11	Merced	San Luis Reservoir/O'Neill Forebay	The San Luis Reservoir/O'Neill Forebay provides a domestic water supply source for approximately 3,000 residents of the municipalities of Santa Nella and Dos Palos. The road segment is a heavily used trucking route and accidental spills have the potential to immediately impact the drinking water resource before response actions could be initiated.	State Route 152, within the tributary boundaries of the San Luis Reservoir and O'Neill Forebay, will be further evaluated to determine the risk to the municipal water supply source. The Department will consider and implement spill containment and prevention control measures as appropriate.

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided in April.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and the Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are with a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	B	10-1A680	AMA	0	L5718	CONSTRUCT NEW MAINTENANCE STATION		SWPPP	5	10/22/1997	7/1/2003	11/1/2005	5/1/2006	12/1/2006
2	D	10-04993_	AMA	49	R7 / R11	CONST EXPRESSWAY ON NEW ALIGNMENT "SUTTER CREEK BYPASS, FROM ROUTE 104" (RIDGE ROAD) TO 0.2 MILES SOUTH OF RANCHERIA CREEK BRIDGE. (KP R11.3/R17.7)	SUTTER CREEK, RANCHERIA CREEK	401 SWPPP	34	10/11/2000	12/1/2001	8/1/2002	5/6/2003	4/4/2006
3	B	10-26445_	AMA	88	2.7 / 3.3	""REPLACEMENT OF THE JACKSON CREEK" "AND JACKSON CREEK OVERFLOW BRIDGES"" IN JACKSON VALLEY FROM JUST WEST OF THE JACKSON CREEK OVERFLOW BR TO JUST WEST OF JACKSON VALLEY RD.	JACKSON VALLEY CREEK	401 SWPPP	2.3	NA	10/1/2002	12/1/2004	3/1/2005	5/1/2006
4	D	10-26444	AMA	88	0/5.5	ROADWAY REHABILITATION	JACKSON CREEK, JACKSON CREEK	401 SWPPP	11.2	NA	11/30/2001	1/1/2003	4/2/2003	7/1/2005
5	B	10-40640	AMA	88	42/47	CONSTRUCT PASSING LANES AND TWO WAY LEFT TURN LANE		SWPPP	5	3/31/1999	6/30/2002	7/1/2003	12/1/2003	11/1/2004
6	D	10-35240	AMA	88	R60.8/R67	STRUCTURAL SECTION REPAIR	SILVER LAKE		5	7/30/1993	6/11/1999	6/28/2000	11/15/2000	7/1/2003
7	B	10-36250	CAL	4	R21.1/R23.4	CONSTRUCT 2 LANE EXPRESSWAY ON NEW ALIGNMENT	ANGELS CREEK	401 SWPPP	50	6/21/1993	1/1/2002	3/1/2005	10/1/2005	6/1/2007
8	B	10-0F280_	CAL	4	43.8 / 44.2	CONSTRUCT WALL FOR SEDIMENT CONTROL IN CALAVERAS COUNTY AT BIG TREES STATE PARK. (KP 70.5/71.1)	BIG TREES CREEK	401 SWPPP	1	8/24/2001	1/1/2007	3/1/2008	6/1/2008	9/1/2008
9	B	10-37930_	CAL	12	3 / 10.2	STRUCTURAL SECTION REPAIR NEAR WALLACE FROM 0.8 KM E OF SOUTH WORTH RD TO 0.3 KM E RTE 26 (KP 4.8/16.4)	MOKELUMNE RIVER, BEAR CREEK	303(d) SWPPP	40	6/14/1993	7/1/2002	1/1/2004	6/1/2004	10/1/2007
10	B	10-49840	CAL	26	7.2/8.3	CURVE CORRECTION AND WIDEN	INDIAN CREEK	401 SWPPP	17	11/22/1999	10/1/2001	13/1/03	6/1/2004	10/1/2005
11	B	10-0F310	MER	5	24.9/30.3	CONSTRUCT MEDIAN BARRIER FROM THE WEST BANK UNDERCROSSING TO THE TALGIO ROAD OVERCROSSING (KP 40.1/48.4	CALIFORNIA AQUEDUCT, DELTA-MENDOTA CANAL	SWPPP	13	9/24/2001	12/1/2003	3/1/2005	8/1/2005	12/1/2006
12	D	10-1A070_	MER	59	27.2 /	REPLACE BRIDGE (SCOUR) NEAR SNELLING AT MERCED RIVER BRIDGE BR# 39-71 (KP 43.7)	MERCED RIVER	303(d) SWPPP	1	10/17/1997	3/1/2002	10/1/2002	4/1/2003	12/1/2004
13	B	10-3A270_	MER	59	15.2/16.3	REHAB FIVE BRIDGES	BLACK RASCAL CREEK	401 SWPPP	7	9/14/2001	10/1/2004	3/1/2006	9/1/2006	12/1/2008
14	B	10-0F650	MER	59	22.6/23.3	INTERSECTION IMPROVEMENT		SWPPP	22	9/14/2001	12/1/2007	6/1/2009	11/1/2009	9/1/2010
15	B	10-0G440_	MER	59	R14.8 / R19	CONSTRUCT NEW 4-LANE EXPRESSWAY W/ IC AT RTE 99 & SANTA FE AVE. IN THE CITY OF MERCED AT SR 59/99 INTERCHANGE & FROM SR 99 TO BELLEVUE AVENUE. (KP R 23.8/30.6)	BLACK RASCAL CREEK, BEAR CREEK, CANAL CREEK	SWPPP	60	6/30/2001	8/1/2010	10/1/2013	4/1/2014	12/1/2016
16	B	10-41580_	MER	99	0 / 4.6	4E TO 6F ON 8F R/W ALIGNMENT NEAR MERCED FROM MADERA COUNTY LINT TO BUCHANAN HOLLOW RD (KP 0.0/7.4)	CHOWCHILLA RIVER, DUTCHMAN CREEK, SOUTH DUTCHMAN CREEK	401 SWPPP	200	2/2/1999	1/1/2003	3/1/2005	11/1/2005	11/1/2008
17	D	10-2A360_	MER	99	12.8 / 23.7	INSTALL MEDIAN BARRIER IN MERCED FROM 0.5 KM S OF CHILDS AVE OC TO 0.4 KM N OF WEST ATWATER OH (KP 20.6/38.1)	BEAR CREEK, BLACK RASCAL CREEK, TRININDADE CREEK, CANAL CREEK, ATWATER CREEK	SWPPP	31	6/30/2000	6/30/2000	2/1/2002	6/1/2002	6/6/2003
18	B	10-41570_	MER	99	4.6 / 10.5	4E TO 6F ON 8F R/W ALIGNMENT NEAR MERCED FROM BUCHANAN HOLLOW RD TO 0.5 KM S OF HEALY RD (KP 7.4/17.7)	DEADMAN CREEK, MARIPOSA CREEK, DUCK SLOUGH	401 SWPPP	350	NA	1/1/2003	3/1/2005	11/1/2005	11/1/2008

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
19	B	10-36310_	MER	99	10.2/12.8	4E TO 4F ON 8F R/W ALIGNMENT IN MERCED FROM MC HENRY RD TO 0.4 KM SOUTH OF CHILDS AVE OC (KP 17.0/20.6)	MILES CREEK, OWENS CREEK	401 SWPPP	130	5/24/2001	5/24/2001	2/1/2004	9/1/2004	9/1/2007
20	B	10-48100_	MER	99	13.9/14.4	WIDEN 15TH ST UC AND REPLACE EAST MERCED OH		SWPPP	5	8/21/2001	8/21/2001	1/1/2004	8/1/2004	11/1/2006
21	B	10-41480	MER	99	23.8/26.8	4E TO 6F ON 8F R/W ALIGNMENT		SWPPP	69	7/1/1991	1/1/2002	3/1/2004	10/1/2004	12/1/2006
22	B	10-0A520	MER	99	24.6/26.3	CLOSE MEDIAN CROSS OVER AND CONSTRUCT FRONTAGE RD		SWPPP	44	10/15/1997	1/1/2002	3/1/2004	8/1/2004	12/1/2006
23	B	10-31696	MER	99	26.8/R29.0	4E TO 6F ON 8F R/W ALIGNMENT		SWPPP	62	NA	11/1/2001	3/1/2003	10/1/2003	12/1/2005
24	D	10-0A580_	MER	140	27 / 30.2	AC OVERLAY AND WIDEN SHOULDER NEAR MERCED FROM MC SWAIN RD LEFT TO 1.2 KM E OF APPLGATE RD (KP 43.4/48.6)	MID IRRIGATION CANALS	401 SWPPP	5	5/22/1997	8/26/1997	3/1/2002	8/1/2002	12/1/2003
25	B	10-3A680_	MER	152	22.8 / 36.7	CAPM ON EASTBOUND PCC LANES ""(GRINDING)"" IN AND NEAR LOS BANOS FROM SAN LUIS CANAL TO SAN JUAN CANAL AND FROM LODI RD TO WILLIS ROAD. (KP R36.8/R59.1)	RITA SLOUGH	SWPPP	84	9/14/2001	1/1/2003	2/1/2004	8/1/2004	2/1/2005
26	B	10-38150_	MER	165	26.9 / 30	AC OVERLAY AND DIGOUTS NEAR STEVINSON FROM RTE 140 TO 0.2 KM S OF WESTSIDE BLVD RIGHT (KP 43.2/48.3)	EAST SIDE IRRIGATION CANAL	401 SWPPP	44	7/23/1993	7/1/2002	7/1/2003	12/1/2003	12/1/2004
27	B	10-38220_	MER	165	L0 / L11.7	REHABILITATE THE EXISTING ASPHALT CONCRETE ROADWAY. NEAR LOS BANOS FROM RTE 5 TO HENRY MILLER RD (KP L0.0/18.8)	OUTSIDE CANAL,MAIN CANAL	SWPPP	20	9/25/2000	7/1/2002	3/1/2004	10/1/2004	10/1/2005
28	B	10-1A840_	MPA	49	17.1/17.5	REALIGN AND BRIDGE	MARIPOSA CREEK, STOCKTON CREEK	401 SWPPP	6	6/29/2001	3/1/2002	7/1/2003	1/1/2004	10/1/2007
29	B	10-0E800_	MPA	140	50.9 / 51.2	REPAIR UNDERMINED CONCRETE ROCK SLOPE PROTECTION. "IN MARIPOSA CO ON SR 140, ADJACENT" TO MERCED RIVER AND APPROXIMATE 1.1 KM WEST OF YOSEMITE NATIONAL PARK BOUNDARY. (KP 81.9/82.4)	MERCED RIVER	401 303(d) SWPPP	30	8/24/2001	10/1/2004	10/1/2006	1/1/2007	1/1/2008
30	B	10-0E480	MPA	140	0/5.9	IMPROVE ROADWAY ALIGNMENT AND CONSTRUCT SHOULDERS	MILES CREEK	401 SWPPP	35	2/2/2000	10/1/2007	7/1/2010	1/1/2011	10/1/2014
31	A	10-0G240_	SJ	5	1.1 / 34.5	RESURFACE BRIDGE DECKS. IN SAN JOAQUIN CO AT VARIOUS LOCATIONS FROM HOSPITAL CREEK BRIDGE TO PIXLEY SLOUGH BRIDGE. (KP 1.8/55/5)	HOSPITAL CREEK, CALIFORNIA AQUEDUCT, DELTA MENDOTA CANAL. TOM PAINE SLOUGH,PARADISE CUT, FRENCH CAMP SLOUGH, WALKER SLOUGH, SAN JOAQUIN RIVER	303(d) SWPPP	BR DECK ONLY	8/24/2001	NA	NA	NA	NA
32	C	10-3A260_	SJ	5	26.5 / 27	REHABILITATE BRIDGE IN STOCKTON AT STOCKTON CHANNEL VIADUCT BR# 29-176R/L (KP 42.6/43.4)	STOCKTON CHANNEL VIADUCT	303(d) SWPPP	1	3/23/2001	3/23/2001	1/1/2003	8/1/2003	8/1/2005
33	D	10-0F780	SJ	5	14,5	RESURFACE BRIDGE DECK	SAN JOAQUIN RIVER	303(d) SWPPP		NA	9/1/2001	2/1/2002	8/1/2002	12/1/2002
34	D	10-2A590	SJ	5	R13.1/R25.3	CONSTRUCT MEDIAN BARRIER	SAN JOAQUIN RIVER, PARIDISE CUT	SWPPP	5	9/25/2000	9/29/2000	11/1/2001	1/1/2002	8/1/2003
35	B	10-3A120_	SJ	5	R13.9 / R15.6	WIDEN NORTHBOUND 1-5 NEAR STOCKTON FROM 0.1 KM N OF PARADISE CUT OVERFLOW BRIDGE TO 0.7 KM N OF RTE 120 NORTHBOUND ON RAMP TO RTE 5 (KP R22.4/R25.1)	SAN JOAQUIN RIVER	401 303(d) SWPPP	3	9/30/2000	2/1/2004	2/1/2004	6/1/2004	12/1/2006

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
36	B	10-0A840_	SJ	12	.1 / 10.1	ADD PASSING LANES AT 2 LOCATIONS AND WIDEN SHOULDERS FROM MOKELUMNE NEAR TERMINUS FROM SACRAMENTO COUNTY LINE TO RTE 5 (KP 0.2/16.3)	MOKELUMNE RIVER	401 303(d)	37	9/9/1997	1/1/2003	12/1/2003	5/1/2004	4/1/2005
37	D	10-49900_	SJ	26	15.4 / 15.9	REALIGN EXISTING CURVE FROM 0.6 KM TO 1.4 KM E OF ESCALON BELLOTA ROAD (KP 24.6/25.6)	CALAVERAS RIVER, DUCK CREEK,	401 SWPPP	4	2/5/2001	2/5/2001	6/30/2002	6/1/2003	#####
38	B	10-2A420_	SJ	26	20.3 / 20.5	PAVEMENT REHABILITATION ON RTE 26 IN SJ CO FROM OSPITAL/ WIMER RD TO THE CALAVERAS CO LINE & IN CALAVERAS CO FROM THE SJ CO LINE TO SAVAGE WAY. (KP 0.0/4.9).		SWPPP	37	8/26/1999	10/1/2002	3/1/2005	6/1/2006	8/1/2007
39	B	10-27920	SJ	88	5.1/12.3	REHABILITATE ROADWAY, REPLACE STRUCTURES AND WIDEN SHOULDERS	CALAVERAS RIVER, BEAR CREEK, BEAR CREEK OVERFLOW	401 SWPPP	5	10/31/1997	2/1/2005	8/1/2007	12/1/2007	10/1/2009
40	B	10-0C880_	SJ	99	20.1 / 34.7	UPGRADE PLANTING AND IRRIGATION IN AND NEAR STOCKTON AND LODI AT VARIOUS LOCATIONS FROM 0.3 KM S OF RTE 88 TO 0.3 KM N OF PELTIER RD (KP 32.3/55.8)	CALAVERAS RIVER, MOKELUMNE AQUEDUCT	303(d) SWPPP	5.6	9/25/2000	3/1/2002	10/1/2003	3/1/2004	5/1/2006
41	D	10-1A700	SJ	99	14.1/15	CONSTRUCT INTERCHANGE AND RECONSTRUCT AUXILIARY LANES	NEW WEBER SLOUGH, LITTLE JOHN CREEK	401 SWPPP	14.6	8/10/2000	8/10/2000	10/1/2001	2/1/2002	7/1/2005
42	B	10-3A100	SJ	99	15/18.6	WIDEN TO 6 LANES	DUCK CREEK	401 SWPPP	16	11/28/2000	8/1/2006	1/1/2011	8/1/2011	11/1/2015
43	D	10-0A740_	SJ	120	9.4 / 16.6	AC OVERLAY AND WIDEN SHOULDER NEAR MANTECA FROM 0.9 KM E OF JACK TONE RD TO 0.1 KM E OF IRWIN AVE (KP 15.1/26.7)		SWPPP	9.2	6/28/2000	6/28/2000	12/1/2002	6/1/2003	10/1/2004
44	A	10-0G490_	SJ	205	0 / 1.2	CONSTRUCT WESTBOUND TRUCK BYPASS ROUTE. " ALONG I-205, IN BOTH SJ CO & FROM" WB MOUNTAIN HOUSE PARKWAY & IN ALA CO TO 3 KM W/OF THE WB GRANT LINE ROAD. "(KP 0.0/19.3), (0.0/5.9)"	CALIFORNIA AQUEDUCT, DELTA-MENDOTA CANAL	401 SWPPP	180	6/1/2001	NA	NA	NA	NA
45	C	10-47080_	SJ	205	L0 / L1.4	CONSTRUCT 580/205 TRUCK BYPASS. ""580/205 TRUCK BYPASS"" IN ALAMEDA COUNTY ON RTE 580 FROM COUNTY LINE TO 1.5 KM W OF GRANT LANE RD UC AND ON RTE 205 FROM CALIF AQUEDUCT TO RTE 580/205 JCT (KP 0.0/2.3) (KP L0.0/0.4)		SWPPP	5	9/19/1995	3/1/2002	8/1/2002	7/1/2003	12/1/2004
46	B	10-30016_	SJ	205	R3 / R13.6	WIDEN 4 LN TO 6 LN FWY IN TRACY FROM OLD U. S. 50 OVERCROSSING TO ROUTE 5. (KP R4.8/R21.9)	TOM PAINE SLOUGH, PARIDISE CUT	SWPPP	5	11/25/1991	8/1/2002	3/3/2004	7/1/2004	7/1/2006
47	B	10-0G200	STA	4	R1.68/	SCOUR PROTECTION	ROCK CREEK	401 SWPPP	2	NA	1/1/2004	8/1/2004	4/1/2004	12/1/2004
48	B	10-2A770	STA	99	11.9	RECONSTRUCT INTERCHANGE		SWPPP	12	6/29/2001	7/23/2001	7/2/2004	2/1/2005	7/6/2007
49	B	10-0F730	STA	99	15/23.3	HIGHWAY PLANTING	TUOLUMNE RIVER	303(d) SWPPP	4.4	8/23/2001	4/1/2003	7/1/2004	11/1/2004	11/1/2009
50	D	10-2A580_	STA	99	R12.2 / R22.4	INSTALL MEDIAN BARRIERS IN STANISLAUS COUNTY IN AND NEAR MODESTO AT VARIOUS LOCATIONS FROM 0.5 KM NORTH OF WHITMORE AVENUE UNDERCROSSING TO 0.3 KM SOUTH OF ROUTE 219/99 SEPARATION BRIDGE		SWPPP	30	3/30/2000	3/31/2000	6/1/2001	8/22/2001	7/2/2002

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No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
51	D	10-49950_	STA	99	R13.1 / R24.8	HIGHWAY PLANTING AND IRRIGATION IN STANISLAUS COUNTY IN AND NEAR MODESTO AT VARIOUS LOCATIONS	TUOLUMNE RIVER	303(d) SWPPP	9.8	6/30/1999	6/30/1999	6/1/2000	8/11/2000	3/1/2003
52	B	10-0F720_	STA	99	R9.9 / R15	HIGHWAY PLANTING. SOUTH OF MITCHELL RD TO 9 TUOLUMNE RIVER. (KP15.9/24.1)	TUOLUMNE RIVER	303(d)	3.7	9/25/2000	7/1/2003	4/1/2004	11/1/2004	7/1/2009
53	B	10-3A410	STA	108	27.6/37.3	WIDEN TO FOUR LANES WITH CONTINUOUS 2WAY LEFT TURN LANE	HETCH-HECHEY CANAL	401 SWPPP	65	3/31/1999	7/1/2004	NA	NA	NA
54	D	10-34540_	STA	120	3 / 12.9	CONST 2 LN EXPRESSWAY ON NEW ALIGNMENT (R/W FOR ULTIMATE 4 LANE FREEWAY) 0.1 MILE WEST OF VALLEY HOME ROAD TO 2.8 MILE EAST OF LANCASTER ROAD (OAKDALE BYPASS) (KP 4.5/R20.8)	COYOTE CREEK, LESNINI CREEK,STANISLAUS RIVER	401 303(d) SWPPP	380	NA	10/1/2002	3/1/2004	6/1/2005	11/1/2007
55	D	10-27882_	STA	132	13 / 15	STRUCTURAL SECTION REPAIR IN MODESTO FROM 0.6 KM W OF CARPENTER RD TO 9TH & L ST (KP 20.9/24.2)		SWPPP	15	6/28/2000	6/28/2000	6/1/2003	11/1/2003	11/105
56	B	10-3A650	STA	132	L15/L16.8	AC OVERLAY	DRY CREEK	401 SWPPP	2	8/31/1999	1/1/2002	12/1/2003	6/1/2004	10/1/2005
57	B	10-40350_	STA	132	R11.1 / R14.7	CONSTRUCT 4 LANE EXPRESSWAY ON NEW ALIGNMENT AND SOUNDWALL IN MODESTO ON RTE 132 FROM NEBRASKA AVE TO RTE 99 AND ON RTE 99 FROM RTE 132 TO KANSAS AVE (KP R18.2/R23.7) (KP R25.9/R27.2)	CANAL	SWPPP	67	7/2/1993	8/1/2002	10/1/2004	4/1/2005	2/1/2007
58	B	10-0A870	STA	219	0.1/4.9	WIDEN TO 4 LANES AND INTERSECTION IMPROVEMENTS		SWPPP	5	10/17/1997	3/1/2002	3/1/2005	11/1/2005	12/1/2007

NA = NOT AVAILABLE

SWMP Category is defined in SWMP Section 4.4.1, Table 4-3

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

CRITERIA

- SWPPP = greater than 5 acres of land disturbance (1 acre after March 2003)
- 303d = 303(d) listed
- 401 = 401 Cert,
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontal RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = High Risk Area Present
- RB = RWQCB designated projects posing a threat to water quality

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
Alpine	SR 88	10.9-25.2	Culvert cleaning and ditch cleaning adjacent to EF Carson River.	Carson River	LT	Responsive	Responsive
Alpine	SR 4	000.000-31.0	Culvert Cleaning and ditch cleaning adjacent to EF East Carson River	East Carson River	LT	Responsive	Responsive
Maintenance Facility and Activity Inspections							
Peddler Hill, Woodfords, Modesto, and Stockton Maintenance Facilities are scheduled for annual inspections by the District Maintenance Storm Water Coordinator.							
Four Maintenance Activities are scheduled for review, included are paving, shoulder backing, crack sealing, and vegetation spraying.							
Maintenance Facility BMP Improvements							
Material Storage Bin Canopies are scheduled for Tracy, Patterson, Modesto, Pine Grove MS							
Drain inlet silt traps scheduled for installation in Woodfords, Pine Grove, Longbarn MS							
Maintenance BMP Actions/Modifications							
Shoulder maintenance improvements							
Vactor waste disposal							
Snow and Ice removal							
Road Grinding Reuse							

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Vegetation Management and Vegetated Slope Management					
<p>Vegetation Control Plan: The District 10 Vegetation Control Plan (VCP) for FY 2002/03 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing Program <p>Districts will provide the VCP for FY 2002/03 to the RWQCB by May 15, 2002.</p> <p>Vegetated Slope Evaluation: The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.</p>					
	Route/PM	County	Inspection Schedule	Remediation Action Planned	
Vegetated Slope Inspection	I-5	SJ, Stan, Mer	FY 2002	None	
Vegetated Slope Inspection	99	SJ,Stan, Mer	FY 2002	None	
Vegetated Slope Inspection	580	SJ	FY2002	None	

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.

(2) Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body with project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 001/002.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.
Training and Public Outreach
<u>Maintenance:</u> On-going training on storm water issues will be provided to crews through the BMP Tailgate meetings every ten days or change of activities.
Six hour SW training given to the Maintenance Crews through Superintendent including shop personnel and field mechanics
Two-day training seminars are planned for each of the District maintenance and construction supervisors.
<u>Construction:</u> For FY 02/03 Central Region Construction plans to train all construction field staff on storm water pollution construction that have not been previously trained. This includes staff that missed training during 01/02 and new hires. We plan to use the modules that were assembled for 01/02 with some minor modifications.
<u>Adopt-A-Highway:</u> The Department's Adopt-A-Highway program is a continual reminder to participants and to the public of pride in their public property and of the unacceptability of proliferation of litter. 2001 District 10 Adopt-A-Highway volunteerism for this fiscal year is as follows. Litter Removal: 328 groups or individuals. Tree and Shrub Planting: 3 groups. Vegetation Management: 3 groups. Wildflower Planting: 10 groups. The same level of participation is anticipated to continue for 2002-2003.
Municipal Coordination
District 10 storm water coordinators participate in the Central Valley Storm Water Permittees Committee (CVSWPC). The CVSWPC meets quarterly in the County of San Joaquin for the purpose of information sharing and storm water activities coordination. Participants in this committee include the Department, County of San Joaquin, and the Cities of Fresno, Stockton, Modesto, and Sacramento. Storm water coordinators for District 10 also participate in the California Storm Water Task Force, an advisory committee to the State Water Resources Control Board.